

NASA Technical Memorandum 4342

The 1984–1987 Solar Maximum  
Mission Event List

B. R. Dennis  
*Goddard Space Flight Center  
Greenbelt Maryland*

J. P. Licata, J. J. Nelson,  
and A. K. Tolbert  
*ST Systems (STX), Inc.  
Lanhan, Maryland*

(NASA-TM-4342) THE 1984 - 1987 SOLAR  
MAXIMUM MISSION EVENT LIST (NASA) 286 p  
CSCL 03B

N92-20538

H1/92      Unclass  
0078310



National Aeronautics and  
Space Administration  
Office of Management  
Scientific and Technical  
Information Program

1992



## CONTENTS

	Page
Introduction .....	1
Instrument Descriptions .....	4
Gamma Ray Spectrometer (GRS) .....	4
Hard X-Ray Burst Spectrometer (HXRBS) .....	6
X-Ray Polychromator (XRP) .....	11
Ultraviolet Spectrometer and Polarimeter (UVSP) .....	15
Coronagraph/Polarimeter (C/P) .....	17
Ground-Based, Radio and GOES X-Ray Data Descriptions .....	19
Event List .....	25





## INTRODUCTION

This document is an interexperiment compilation of solar burst activity observed by the Solar Maximum Mission (SMM) during the calendar years 1984 through 1987. Data from the following instruments are included:

1. Gamma-Ray Spectrometer (GRS)
2. Hard X-Ray Burst Spectrometer (HXRBS)
3. Flat Crystal Spectrometer (XRP-FCS)
4. Bent Crystal Spectrometer (XRP-BCS)
5. Ultraviolet Spectrometer and Polarimeter (UVSP)
6. Coronagraph/Polarimeter (C/P)

Also included are X-ray, radio, and optical data from the National Oceanic and Atmospheric Administration/U.S. Air Force solar observing network.

Several mission milestones affected data gathering. The following table documents those milestones:

- |   |  |
|---|--|
| 1. February 14, 1980                          | - SMM launch.  |
| 2. March 3, 1980                              | - Light bulb on FCS crystal drive mechanism fails inhibiting crystal runs during 1980.   |
| 3. June 1980                                  | - One HXIS microprocessor fails  |
| 4. September 23, 1980                         | - Final C/P image due to failure of the C/P Main Electronics Box.  |
| 5. November 23, 1980                          | - End of pointed observations due to Attitude Control System fuse failures.  |
| 6. June 1981                                  | - HXIS fails.  |
| 7. November 1983 -<br>April 1984              | - Severely limited tape recorder usage due to conservation efforts prior to repair.  |
| 8. April 1984                                 | - Repair mission restores fine pointing control and replaces C/P Main Electronics Box. Observations were not full-time until May due to spacecraft checkout. |
| 9. April 26, 1985                             | - UVSP loses commandability of wavelength drive. Remains in UV continuum near 1385A (second order) after this date.  |
| 10. January 08-24, 1986                       | - On board computer memory failure.  |
| 11. January 28-30, 1986<br>and February 12-28 | - Comet Halley observations.   |
| 12. December 7, 1986                          | - C/P Tape recorder C fails.   |
| 13. April 1, 1987                             | - C/P resumes operations at reduced rate using tape recorder A.  |

The SMM instruments had a wide range of spectral and temporal capabilities. Consequently, observed burst structure, timing, and evolution for a single event could differ greatly between the instruments, creating some

ambiguities in correlating events. Additional ambiguities occurred when full disk instruments observed superposed bursts and limited field of view instruments observed only one source region.

Bursts observed by HXRBS formed the basis for this list. The instrument viewed the whole sun and high sensitivity data were taken continuously except during orbital night and South Atlantic Anomaly (SAA) passages. The HXRBS events were correlated with GOES X-ray, radio and optical data primarily by time coincidence, but also by burst magnitudes, profiles, and durations. Bursts observed by GRS were then incorporated. Flares in which the impulsive phase was not observed due to night or SAA were supplied by the additional BCS and FCS detected events. Other low temperature events without high energy signatures, such as those related to filament disruptions, were also added (GOES X-ray, radio, and optical data were included for the new events). C/P coronal mass ejections were incorporated, but with few correlations with other SMM events. When ground-based H-alpha observers reported the likely source, this information was included. The UVSP experiment file was scanned, and information on experiment modes, wavelength, etc. was added. Finally, the SMM computer pointing log was surveyed to provide the spacecraft location at the time of each event.

Every event observed during the mission has been assigned a unique event number, ranging between 1 and 12776 for events observed by HXRBS, and between 20001 and 23444 for events not observed by HXRBS. In this listing all information for each event is displayed in a multi-line block, one line per instrument. The first line gives the 'event time' (GOES peak time if available), the day of year (DOY) of the event, and the SMM pointing latitude, longitude, pitch, yaw, roll, and heliocentric angle. Lines for Optical, GOES, HXRBS, GRS, XRP-BCS, XRP-FCS, UVSP, C/P, Radio (Sweep Frequency), and Radio (Discrete Frequency) data follow if the information is available. In addition, on a particular line, entries are printed only if the item of information is available. Some events that were catalogued as separate events may actually be part of another event. In these cases, the 'associated event' information is listed immediately after the 'primary event,' separated by a dashed line.

Each instrument team has compiled individual event listings, most of which include more data than recorded here. Requests for those listings should be addressed to the appropriate Principal Investigator. Requests for access to the computer file from which this listing was derived should be made to the SMM Project Scientist. Software for manipulation of this file resides on the SMM Data Analysis Center VAX computer.

Many individuals on each instrument team were involved in the generation of the data used in this document. Without their efforts this compilation would not have been possible. The descriptive text for each instrument was provided by the individual instrument team.

SMM Project Scientist:

Dr. J.B. Gurman  
Code 682  
NASA/GSFC  
Greenbelt, MD 20771

SMM Principal Investigators:

XRP

Dr. K.T. Strong  
Dept. 91-30, Bldg. 256  
LPARL  
3251 Hanover Street  
Palo Alto, CA 94304-1187  
415-354-5136

Dr. R. Bentley  
MSSL  
Holmbury St. Mary, Dorking  
Surrey RH5, 6NS  
ENGLAND  
Forest Green: 30670-292

Dr. K.J.H. Phillips  
Space and Astro Division  
Rutherford Appleton Labs.  
Chilton, Didcot  
Oxfordshire, OX11, OQX  
ENGLAND  
Abingdon: 0235-446424

GRS

Dr. W.T. Vestrand  
Physics Department  
University of New Hampshire  
Durham, NH 03824  
603-862-2653

C/P

Dr. A.J. Hundhausen  
High Altitude Observatory  
P.O. Box 3000  
Boulder, CO 80307  
303-444-1550  
FTS 320-1533

HXRBS

Dr. B.R. Dennis  
Code 682  
NASA/GSFC  
Greenbelt, MD 20771  
301-286-7983

UVSP

Dr. E. Tandberg-Hanssen  
Code ES-01  
NASA/MSFC  
Huntsville, AL 35812  
205-544-7578  
FTS 872-0027

## Gamma-Ray Spectrometer (GRS)

The Gamma-Ray Spectrometer was a wide field of view X-ray, gamma-ray, and neutron spectrometer which recorded energetic photons with energies from 10 keV to greater than 100 MeV and neutrons with energies greater than 50 MeV. High resolution energy spectra were recorded between 300 keV - 9 MeV with 16.384 s temporal resolution. Higher time resolution (64 ms, 1.024 s, and 2.048 s) is available in some energy windows. Further instrumental details can be found in Forrest et al. (Solar Physics 1980, 65, 15).

The following list of events includes only those solar flares identified by an increase in the observed counting rate between 300 - 400 keV. The identification procedure uses a combination of visual and computer based search techniques. The visual technique employs manual inspection of the counting rates in the main spectrometer channels 10 through 30 which corresponds to an energy loss interval of 298 - 445 keV. The computer technique uses a comparison of a predicted rate based on a running average with the observed rate to search for events with a large rate of change of count rate. Both techniques are most efficient for impulsive events.

The search techniques also identify a number of non-solar transients. Those transients include cosmic gamma-ray bursts, particle precipitation events, and transients generated by orbiting nuclear reactors. The procedure for identification of reactor induced transients and particle precipitation events is described in Rieger et al. (Nature, 244, 441). Cosmic gamma-ray bursts are identified by the absence of associated GOES events, their positions (when available from the interplanetary network), short durations, and hard spectra.

### Description of GRS entries:

1. Start time - expressed as hour:minute:second. All GRS times are based on 16.384 s Major Frame Pairs (MFP) required for a spectral accumulation between 0.3 and 9 MeV. Start time is the beginning time of the series of MFP which contains significant counts  $\geq 300$  keV. Therefore, the times and durations may disagree with other observations by up to 16.384 s.
2. End time - in 300 keV flux, expressed in hour:minute:second.
3. Max.E.MeV - the high-energy end of the channel band used for a power law spectral fit in MeV. The low-energy end of this band is always 300 keV. The high-energy end is determined by a statistical check of the data in 10 channel increments starting from the minimum required band channel 10 to 30. There may be gamma-ray emission above Max.E.
4. >10MeV - 'Y' indicates presence of excess counts in the High Energy Monitor which requires energy losses >10 MeV.

5. Neutrons - 'Y' flags events for which there is strong evidence that GRS has recorded delayed counts from a flux of solar neutrons giving energy loss  $>10$  MeV.
6. Dur - Duration of event in seconds (see warning note in description of start time above).

Additional information is available in the GRS Flare and Cosmic Burst data sets maintained at the the University of New Hampshire. Contact the Principal Investigator for access to these data.

## Hard X-Ray Burst Spectrometer (HXRBS)

The Hard X-Ray Burst Spectrometer [L.E. Orwig, K.J. Frost, B.R. Dennis. Solar Physics 1980, 65, 25] was an actively-shielded CsI(Na) scintillation crystal with a sensitive area of  $71 \text{ cm}^2$  and a circular field of view with a 40 degree FWHM. Thus, the whole sun was observed with no spatial information.

The basic scientific data from HXRBS consist of the counting rate recorded every 128 ms in each of 15 pulse-height channels. In-orbit calibration data showed that these channels covered the energy-loss range from 25 to 440 keV immediately after launch and then drifted slowly to higher energies since that time.

In addition to the 128 ms spectral data, an on-board circulating 32K-word memory stored count-rate data for the bigger flares with finer time resolution. The number of counts with a pulse-height between the bottom edge of channel 1 and the top edge of channel 15 was recorded in fine time intervals of 10, 5, or 1 ms as indicated by the flags "M", "M5" or "M1" respectively. The absolute time of all counting rate data is known to an accuracy of a few milliseconds, except where noted in the listing, thus allowing detailed comparisons to be made with other coincident observations.

Most of the events in this listing were discovered in the HXRBS data within a day after the observation. An average of about 90% of the SMM data was received at the Experimenters' Operations Facility at Goddard Space Flight Center a few hours after data transmission to the various ground stations. The 24-hour data base was scanned each day for flares by plotting the counting rate in channel 2 as a function of time with 16 s time resolution. A flare which produced a 10% increase in counting rate lasting for a few seconds could be reliably detected above the  $12 \text{ counts s}^{-1}$  background rate typically measured in channel 2. This corresponds to a detection threshold level of approximately  $10^{-3} \text{ photons cm}^{-2} \text{ s}^{-1} \text{ keV}^{-1}$  at 30 keV. Once an event had been discovered in this way, a standard plot of counting rate versus time was made with the counts in all 15 channels added together. Generally, a time resolution of 1.024 s was used for this plot with a time scale of 1 or 2 minutes per inch depending on the duration of the event. (Photographic copies of these particular plots are produced on microfiche and are available from the National Space Science Data Center, Code 601, NASA/GSFC, Greenbelt, MD 20771.)

Each legitimate event was given a number, referred to as the HXRBS event number, that uniquely identifies the burst. The event numbers generally follow a chronological sequence, as most events were identified within 24 hours of their occurrence. A few bursts, however, were only discovered several months later upon scanning through the complete data set provided on magnetic tape by

the Information Processing Division (IPD) at GSFC. These IPD flares are flagged in the listing with the letter "I," and their event numbers are generally out of chronological sequence.

The event number, the start time, the peak time and the duration are given for every event in the listing. These times are generally accurate to approximately 5 s. The peak counting rate summed over all 15 channels is also listed. This rate was obtained from a rate versus time plot with a time resolution of 1.024 s. It is the total rate including the pre-flare background rate of about 40 counts  $s^{-1}$  as indicated in Figure 1. For the larger flares, i.e. those with peak rates exceeding 100 counts  $s^{-1}$  and/or durations of greater than 200 s, the total number of counts recorded during the flare in excess of the pre-flare background is also listed. This gives an indication of the overall size of the burst.

A comprehensive listing of all events detected with HXRBS from launch to December 1987 is provided in "The Hard X-ray Burst Spectrometer Event Listing 1980 - 1987" [B.R. Dennis et al., NASA Technical Memorandum 4036], and a complete event listing covering the entire mission will be published as a NASA Technical Memorandum in Fall 1991.

#### Description of HXRBS entries:

1. Start time - expressed as hour:minute:second.  
Peak time - expressed as hour:minute:second.  
End time - expressed as hour:minute:second.
2. Peak...c/s - peak rate in counts per second. This is the total rate in the full energy range covered by the instrument (channels 1-15) and does not have the pre-flare background rate subtracted (see Figure 1).
3. Qual - Quality code as defined below:
  - 1- Entire event observed
  - 2 - Start of event not observed
  - 3 - End of event not observed
  - 4 - Start and end of event not observed
  - 11 - Entire event observed, but data missing due to night, SAA or other causes.
  - 12 - Start of event not observed and data missing during event
  - 13 - End of event not observed and data missing during event
  - 14 - Start and end of event not observed and data missing during event
4. Tot Cts - Total Counts, represents the integrated number of counts detected with HXRBS during the flare in excess of the pre-flare rate (see Figure 1).
5. MaxkeV - the high energy edge in keV of the highest channel showing any increase in rate during the flare.

6. FLAGS - the definitions of the letters in this column are as follows:
- M Memory data available with 10 ms time resolution.
  - M1 Memory data available with 1 ms time resolution.
  - M5 Memory data available with 5 ms time resolution.
  - I Event discovered well after the event time, in data provided by the Information Processing Division.
  - SN Event started in spacecraft night.
  - EN Event ended in spacecraft night.
  - IN Event interrupted by spacecraft night.
  - SA Event started when SMM was in the South Atlantic Anomaly (SAA).
  - ES Event ended when SMM was in the SAA.
  - IS Event interrupted by the SAA.
  - SG Event started in a data gap.
  - EG Event ended in a data gap.
  - DG Data gaps during event.
  - AX Event is probably the result of passage through trapped charged particles.
  - ND Noisy data.
  - NS Possible non-solar event.
  - FS Event contains one or more fast spikes with durations of less than one second.
  - EW Experiment status file contains wrong on-time information.
  - GB Event is a Gamma-Ray Burst.
  - + Insufficient space to print all existing flags.

NOTE: The presence of an asterisk following the HXRBS header line indicates the following conditions for the following events:

EVENT #	COMMENT
6890	Gain change. Energy range 32.8 to 575 keV.
6890-6892	Time on flare optical disk is high by 2.41s.
6891-6892	Gain change. Energy range 14.0 to 215 keV.
6894	Time on flare optical disk is high by 2.41s.
6897-6941	Time on flare optical disk is high by 2.41s.
6946-6959	Time on flare optical disk is high by 2.41s.
6961-7035	Time on flare optical disk is high by 2.41s.
8007	Gain change. Energy range 32.8 to 575 keV.
8223	Time on flare optical disk is high by 1.024s.
8285-8286	Gain change. Energy range 19.5 to 301 keV.
8327-8328	Time on flare optical disk is low by 1.922s.
8349	Gain change. Energy range 19.9 to 305 keV.



8399	Gain change. Energy range 169 to 2112 keV.
8555	Gain change. Energy range 20.3 to 312 keV.
8628	Time on flare optical disk is high by .298s.
8629	Time on flare optical disk is high by .306s.
8632	Time on flare optical disk is high by .09s.
8633	Time on flare optical disk is high by 1.689s.
8634	Time on flare optical disk is high by 1.713s.
8635-8636	Time on flare optical disk is high by 1.725s.
8637	Time on flare optical disk is high by 1.837s.
8638	Time on flare optical disk is high by 1.928s.
8639	Time on flare optical disk is high by 1.964s.
8640	Time on flare optical disk is high by 1.975s.
12728	Gain change. Energy range 14.0 to 215 keV.

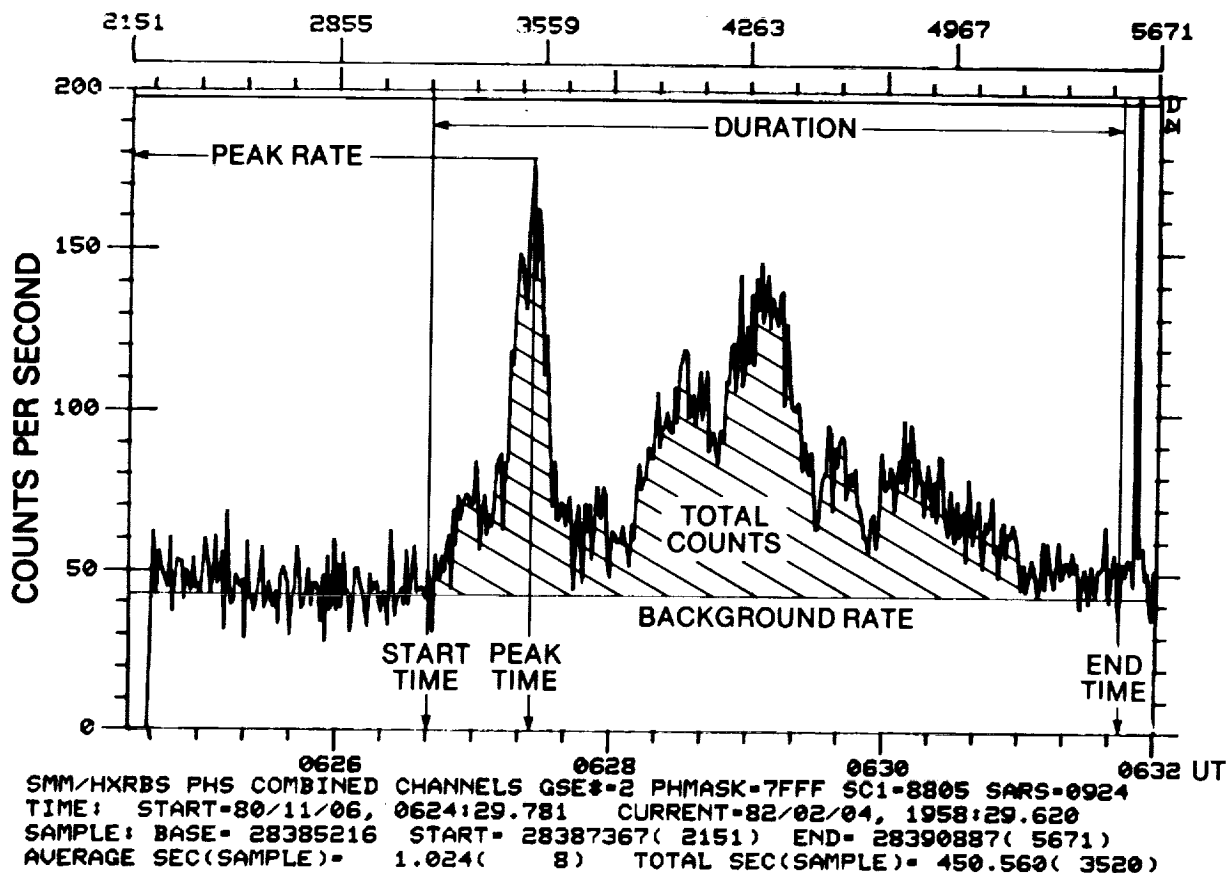


FIGURE 1: A standard plot of a hard X-ray burst (HXRBS event #1544) showing the rate of counts in channels 1 through 15 versus Universal Time. The time resolution is 1.024 s, the time scale is 1 inch per minute, and the counting rate is corrected for instrument dead time. The start time, peak time, end time, duration, peak rate, and total number of counts are indicated as they are determined for inclusion in the event listing.

## X-Ray Polychromator (XRP)

The primary objective of the X-Ray Polychromator [Acton et al., *Solar Physics* 1980, 65, 53] was to study the physical conditions in the corona for a variety of solar phenomena. This was achieved through the use of two complementary instruments: the Bent Crystal Spectrometer (BCS), which continuously monitored the spatially integrated high temperature flux from flares, and the Flat Crystal Spectrometer (FCS), which could image an area of up to 7 arcminutes square in six bright spectral lines simultaneously, or make rapid scans over a wide wavelength range or at high resolution across individual line complexes. XRP gathered data during the peak of solar cycle 21 (February to November 1980), during its decline (following the in-orbit repair of SMM in April 1984), and through the rise phase of cycle 22, until November 1989, when spacecraft fine-pointing was lost prior to reentry.

The XRP experiment was conceived to observe the spectral region between 1.4 and 22.4 Å. In the temperature regime of solar active regions and flares (2 - 50 million K), this region exhibits a rich emission-line spectrum. The experiment was especially prepared to take advantage of the plasma diagnostic opportunity offered by the spectra of helium-like ions and their satellites [Gabriel and Jordan, in McDaniel and McDowell (eds.), *Case Studies in Atomic Collisions* 1972, (Amsterdam:North-Holland), 2, 209]; [Dubau and Volonte, *Rep. Prog. Phys.* 1980, 43, 199].

The BCS had eight bent Bragg crystal spectrometers with position-sensitive detectors covering important X-ray lines of highly-ionized calcium and iron. It was collimated to 6 arcminutes FWHM and was capable of changing its time resolution from 11 s to less than 0.5 s by using dynamic memory and sacrificing spectral coverage or resolution. The BCS was sensitive to the high-temperature ( $T > 10$  million K) component of the flare plasma; the data are used to determine electron temperature, emission measure, dynamics, and elemental abundances of the plasma, and to look for nonequilibrium effects. For large events, the measured BCS count rates must be corrected for a dead time of about 40 microseconds, part of which depends on the position of photons along the anode. At sufficiently high count rates, (e.g., from GOES mid-X class flares), spectral distortion resulted. At lower rates, there was a simple suppression of the count rate. The suppression was a 10% effect at about 2550 counts  $s^{-1}$  (corresponding to about a GOES class M4 flare). The maximum observable count rate in BCS Channel 1 was 8760 counts  $s^{-1}$ , corresponding to an incident rate of 23800 counts  $s^{-1}$ .

The FCS had seven Bragg crystal spectrometers that could be scanned in wavelength over a broad spectral range. At the "home position" of the wavelength drive, each of seven channels could monitor the emission from a prominent soft X-ray line. An additional channel produced a coarse-resolution solar white light image which could be used for coregistration. The FCS was

sensitive to a wide range of temperature ( $2 \text{ million K} < T < 70 \text{ million K}$ ) and hence could detect everything from quiescent active regions to flares. By scanning its wavelength drive, the FCS could access an even wider range of soft X-ray lines and measure Doppler broadenings and shifts. However, electrical and mechanical problems with the FCS wavelength drive limited its ability to take spectra. (In 1980 only four FCS experiments involving wavelength scans were run; about 400 were run throughout the mission.) The FCS isolated specific areas in the corona for study by using its narrow 14 arcsecond collimation. Images could be built up by a series of raster scans across the region of interest, with alternate lines in opposite directions.

Over the life of the mission, several of the BCS and FCS detectors became nonfunctional. BCS detectors 2 and 8 (high resolution Fe K-alpha and Fe XXVI Lyman-alpha) failed during 1980; BCS detectors 1, 3, 4, 5, 6, and 7 operated throughout the mission, with slow gain changes over time requiring occasional gain step adjustments. FCS detector 6, with its Ca XIX resonance peak offset from home position, failed in 1980; FCS detector 2 (Ne IX at home position) failed in February 1985. After June 1987, FCS detectors 1, 3, and 4 (O VIII, Mg XI, and Si XIII at home position), the remaining low-energy detectors, were used only in campaign mode, to conserve the remaining gas supply for these thin-window flow counters as far as possible into cycle 22. By August 1988, the FCS wavelength drive had lost scanning capability, although it could still be repositioned to the peaks of bright emission lines for imaging. In April 1989, the flow-detector gas supply for detectors 1 and 3 was exhausted, and the FCS became a flare imaging instrument only. The detector histories and observing sequences, including the default and special observing modes, are detailed in the XRP Users' Guide and its accompanying appendices. A separate catalogue of the FCS spectroscopic experiments run is also available.

The XRP Event Listing catalogues soft X-ray flares detected by the BCS instrument. For each event, the Start Time, Peak Time, and End Time in BCS Channel 1 (the Ca XIX channel) are given. The Start Time occurred when the BCS Ca XIX count rate rose above the background level up to  $18 \text{ counts s}^{-1}$  and the End Time occurred when the event decayed back to that threshold. (Near threshold or for multiple events, these times are necessarily somewhat arbitrary, and depend on the exact integration time used.) However, some event times were determined by orbital sunrise or sunset, where the flare started before satellite day or was prematurely ended by satellite night. If an event reached its peak during orbital night, or during SAA passage when the XRP detectors did not operate, the maximum level observed during satellite day and the time of that maximum are listed. The peak rate includes all counts recorded in the channel, uncorrected for background or dead time. The peak times and peak rates in the low-resolution Fe XXV channel (BCS Channel 4) are also given,

even if these are not above background level. (A valid Ca XIX event may not have a corresponding valid event in the hotter Fe XXV channel.)

The FCS entries in the XRP Event Listing should be used with care. An event observed by the BCS was not necessarily observed by the FCS, even if the FCS was operating. The FCS could have been pointed away from the flare site at the time of the event, in a "sit and stare" mode (in which the raster drive was at rest), or in a spatial raster which did not include the flare site or did not sample the flare site at the time of the flare. The quoted FCS peak time is often the starting time of the most recent FCS raster map; this is given only if the raster duration included a BCS peak time, but no check was made on whether the flare site was included in the raster. If the FCS was in a "sit and stare" mode, the location was typically either the brightest pixel of a previous FCS raster map, or the FCS boresight, neither of which was necessarily the flare site. Thus, the quoted peak intensity may not be associated with the flare itself; it could simply be the maximum intensity in a raster map, a peak in "sit and stare" lightcurve data taken at a location possibly other than the flare site, or a peak in spectral data associated with scanning a bright emission line.

NOTE: The count rates and times in the XRP Event Listing should not be used directly for analysis, but rather as a guide for selecting data for a given study. Any analysis program should refer to the original data. Particular care should be used in dealing with Event Listing entries with rates near the 18 counts  $s^{-1}$  threshold. Furthermore, derivation of physical parameters from BCS spectra for events with less than about 50 counts  $s^{-1}$  may be difficult.

#### Description of XRP-BCS Entries:

1. Start Time - in BCS Ca XIX channel, expressed as hour:minute:second.
2. Peak Time - in BCS Ca XIX channel, expressed as hour:minute:second.
3. End Time - in BCS Ca XIX channel, expressed as hour:minute:second.
4. Ca Peak..c/s - peak BCS Ca XIX channel count rate in counts  $s^{-1}$ .
5. QUAL - quality code from 1 to 8, indicating completeness of the observation:
  - 1 - entire event observed
  - 2 - only start of event observed
  - 3 - start and peak of event observed
  - 4 - peak and decay of event observed
  - 5 - only decay of event observed
  - 6 - no data, or bad data
  - 7 - only rise and decay observed (e.g., peak lost due to SAA)
  - 8 - only peak observed (including 20% rise and 20% decay)
6. FePeak - time of maximum count rate in Channel 4 (Fe XXV low resolution channel), not necessarily above the background level.

7. Fe Peak..c/s - peak BCS channel 4 (Fe XXV) count rate in counts  $s^{-1}$ , not necessarily above the background level.
8. # peaks - number of peaks in Ca XIX observed, where intensities changed by at least 20%.
9. dt - BCS accumulation time in seconds.
10. XEN - XRP event number.

Description of XRP-FCS Entries:

1. Peak Time - expressed as hour:minute. Note caveats above on relating this time to BCS event.
2. Peak3 - FCS Detector #3 (Mg XI channel) peak intensity in counts  $s^{-1}$ . Note caveats above on relating this intensity to the BCS event.
3. Rast - raster size in arcseconds. Note: Rast=0"x0" denotes a "sit and stare" mode with the raster drive at rest.
4. Step - raster step size in arcseconds (also the image pixel size). Possible step sizes were 5", 10", 15", or 20". Note: Step=0" implies a "sit and stare" mode.
5. Cad (cadence) - duration of the FCS mode, e.g., the time to complete one raster (in seconds if  $< 10000$  sec, in minutes if  $> 10000$  sec); this is also the repeat time for a series of like rasters.
6. s/pixel - dwell time in seconds at each pixel in the raster.

Additional data information is available in the "XRP Master Event File" stored in the SMM Data Analysis Center's VAX computer. Contact the XRP Principal Investigator for access to this file.

## Ultraviolet Spectrometer and Polarimeter (UVSP)

The Ultraviolet Spectrometer and Polarimeter [Woodgate et al., Solar Physics 1980, 65, 73] on SMM consisted of a Gregorian telescope, a polarimeter consisting of two retarders and a linear polarizer, an Ebert-Fastie spectrograph, and five photomultiplier detectors (four used in second order, 1170 - 1780Å and one in first order, 1780 - 3600Å). The telescope secondary was rasterable in 1" or greater increment steps over a field of view of 256" x 256", and a novel slit wheel offered a choice of 22 sets of entrance apertures and four or five corresponding exit slits. UVSP was thus able to sample several spectral lines simultaneously (or nearly so), or, by use of beamsplitting prisms behind the exit slits, to obtain Doppler velocity information in one or two spectral lines. The wavelength drive allowed stepping of the spectrograph grating in increments of approximately 5 mÅ (in second order). Detector gating could be as short as 32 ms. In normal operations, all of the mechanisms were controlled by a 4096-word (16-bit) computer, which allowed the definition of a broad variety of experiment sequences. A Coalignment Adjustment System (CAS) allowed offsetting the entire UVSP for better alignment with other instruments of independent pointing.

### Description of UVSP entries:

Unlike the entries of the higher energy instruments, the UVSP event list entries describe whatever the instrument was doing during the time of the flare, regardless of whether or not the flare was observed by UVSP. The data in each entry consist of:

1. Start time - Experiment start time (UT) expressed in hour:minute.
2. Wavelength - in Å, good to the nearest 4Å (second order). If the experiment involved moving the wavelength drive, this is the initial (shortest) wavelength of the sequence.
3. Code - Time code indicating the following:
  - 0 - experiment includes the time of peak GOES emission
  - 1 - experiment includes ten minutes before the GOES peak
  - 2 - experiment includes ten minutes after the GOES peak
4. Exp # - UVSP experiment number. Each UVSP experiment is identified by a unique number, that in turn identifies the disk or tape file containing the data: data from experiment *nnnnn* will be found in playback (final data) file *Vnnnnn.PB* (.FD).
5. Rast - total size of the raster pattern, or, for a single pixel experiment, the aperture size, in arcseconds. The first dimension is North - South (spacecraft Y-axis, UVSP x-axis), the second, East - West (spacecraft Z-axis, UVSP y-axis).

6. Step - secondary mirror step size, in arcseconds; zero for experiments in which the secondary mirror was not rastered ("sit and stare" experiments).
7. Pitch, Yaw - Raster center coordinates relative to disk center; these will differ from spacecraft pointing only when CAS motions have offset UVSP relative to the spacecraft boresight.



## Coronagraph/Polarimeter (C/P)

The High Altitude Observatory Coronagraph/Polarimeter [R.M. MacQueen et al., Solar Physics 1980, 65, 91] was an externally occulted, white-light coronagraph which recorded the solar coronal radiance from Thomson-scattered electrons (through a broad-band filter, 500-535 nm wavelength) and the presence of hydrogen alpha emission from cool ejecta at the solar limb (through a 654.3-658.3 nm filter). Images were recorded in total intensity and in three different planes of linear polarization. Images were obtained in a time cadence as rapid as once per several minutes or as infrequently as several times per orbit.

The list of coronal mass ejections stems from a visual examination of all video images obtained by C/P and analyzed by direct video display. Consecutive images were "toggled" and changes in the corona were readily apparent to the viewer in most cases. In the more obscure cases, images were digitally subtracted pixel-by-pixel from an earlier base image, thereby enhancing faint or subtle changes that occurred during the time between the images. A complete listing of SMM mass ejections is provided in "A Catalogue of Mass Ejections Observed by the Solar Maximum Mission Coronagraph" [O.C. St. Cyr and J.T. Burkepile, NCAR Technical Note 352 1990]. A "revised and expanded" edition of this catalog will be published by December 1991.

Any user of the information on the C/P list should be aware that it is derived from two-dimensional images and thus represents a "projection" onto a plane normal to the sun-earth line. In particular, measured position angles can be directly converted to solar latitudes only for structures near the solar limb. Measured speeds are similarly components projected on a plane.

### Description of C/P entries:

1. Start time - expressed in hour:minute. The 'start' time is the time of the earliest coronagraph image on which the primary structure identified as the mass ejection (for example, a bright loop) is visible within the coronagraph field of view.
2. PA - the location of the event center described in position angle, measured in the conventional sense (from solar north to east). The center is calculated as the mid-point between the position angles of the bright edges of the mass ejection "primary structure" at its greatest extent.
3. Extrapolated Start Time - An extrapolated start time can be determined for those mass ejections with speed measurements. A linear least-squares fit of the event's data points on a time versus height plot yields the speed directly. The intersection of the line with altitude one

$R_{\text{sun}}$  (i.e. the solar limb) produces an extrapolated departure time. The extrapolated start time thus represents an estimate of the time of the initiation of the mass ejection, assuming an initial altitude of one  $R_{\text{sun}}$  and assuming a constant velocity.

4. Comments - some entries also include comments on the visual appearance of the event. More comprehensive descriptions of each event are available from HAO.

## Ground-Based, Radio, and GOES X-Ray Data

Most of the ground-based and all radio and GOES X-ray data were supplied by the NOAA/USAF network observatories and geosynchronous sensors. When no ground-based data on a particular event was available from the network, the Solar and Geophysical Data Prompt and Comprehensive Reports issued by the World Data Center-A were consulted.

GOES data entries were extracted from the Space Environment Services Center (SESC) "Edited Events" and "Solar Events" listings. On the occasion that neither of these lists were available for correlation with HXRBS and XRP events, the GOES times were visually extrapolated from the GOES 3-second average plots.

Optical flare correlations were based primarily on time coincidence with instrument-detected events. Locations given indicate flare site, not SMM pointing. SMM pointing information, when available, is supplied elsewhere in the entry. Multiple optical flare reports are listed when other regions produced flares in coincidence with the instrument-detected event. The first optical event listed is that which best corresponds to the SMM-detected event. There are also entries indicating multiple bursts detected by the SMM instruments for single optical and soft X-ray flares.

The following descriptions and definitions should aid in deciphering the ground based data. For more comprehensive definitions consult the pamphlet "Descriptive Text - Contents of Preliminary Report and Forecast of Solar-Geophysical Data Activity", available from the Space Environment Services Center (SESC) at the address below:

NOAA/SEL R/E/SE2  
325 Broadway  
Boulder, CO 80303-2238

### Description of optical entries:

1. H $\alpha$  Classification - Indicates size and brightness of flare in the form XY where X is one of the following area codes:
  - S - Subflare (area < 2.0 sq. degrees)
  - 1 - Importance 1 (2.1  $\leq$  area  $\leq$  5.1 sq. degrees)
  - 2 - Importance 2 (5.2  $\leq$  area  $\leq$  12.4 sq. degrees)
  - 3 - Importance 3 (12.5  $\leq$  area  $\leq$  24.7 sq. degrees)
  - 4 - Importance 4 (area  $\geq$  24.8 sq. degrees)and Y is one of the following brightness codes:
  - F - faint
  - N - normal
  - B - brilliant

For non-flare reports, the following codes are used to describe the event:

- BSL - Bright surge on limb
- LPS - Loop prominence system
- ASR - Active surge region
- SPY - Spray
- EPL - Eruptive prominence on limb
- APR - Active prominence on limb
- 2. Location - Location of the flare in heliographic coordinates.
- 3. Region # (AR) - SESC-assigned active region number.
- 4. MacIntosh sunspot classification (Mac.) - Three letter descriptive code (Zpc) indicating white light configuration of sunspot group:
  - Z - Modified Zurich class A through H
  - p - Describes penumbra of largest spot in group:
    - x = no penumbra
    - r = rudimentary
    - s = symmetric
    - a = small asymmetric
    - h = large symmetric
    - k = large asymmetric
  - c - Sunspot distribution:
    - x = single spot
    - o = open
    - i = intermediate
    - c = compact
- 5. Heliocentric angle (H.Ang.) - Value in degrees of the angular displacement between the optical flare location and the actual Sun center point.
- 6. Carrington Longitude (Carr.Lon.) - Carrington Longitude in degrees of the optical flare location.

Description of discrete frequency radio burst entries:

1. Flux unit peak value above pre-burst background at frequencies of 245, 415, 606, 1415, 2695, 4995, 8800, and 15400 MHz.  
1 flux unit =  $10^{-22} \text{ Wm}^{-2}\text{Hz}^{-1}$

Description of sweep frequency radio event entries:

1. Type and intensity of dynamic radio events in the 25-75 MHz range.  
Type codes are:
  - Type I - Long lived dekametric continuum burst
  - Type II - Slow drift burst
  - Type III - Fast drift burst
  - Type IV - Broadband smooth continuum burst
  - Type V - Brief continuum burst associated with Type III

Intensity codes are:

- 1 - minor
- 2 - significant
- 3 - major

Description of GOES entries:

1. Start time - expressed in hour:minute. Start time of X-ray burst (based on one minute averages of 3 second data).
2. Peak time - expressed in hour:minute.
3. End time - expressed in hour:minute. Time when flux level decays to point halfway between maximum level and pre-flare background.
4. Importance - Classification of burst according to peak energy in  $\text{Wm}^{-2}$ , 1-8A band. Form of code is Zn where Z is:

- A -  $< 10^{-7}$
- B -  $> 10^{-7}, < 10^{-6}$
- C -  $> 10^{-6}, < 10^{-5}$
- M -  $> 10^{-5}, < 10^{-4}$
- X -  $> 10^{-4}$

and n is a numerical multiplier from 1 to 9. Thus, a C3 burst indicates a peak flux of  $3 \times 10^{-6} \text{ Wm}^{-2}$ .

5. Quality Code (Qual) - the code indicates where the GOES X-ray bursts occur in relation to SMM day/night transitions and passages through the South Atlantic Anomaly:
  - 0 - No correlation of event with GOES data
  - 1 - Entire event observed
  - 2 - Only start of event observed
  - 3 - Start and peak of event observed
  - 4 - Peak and decay of event observed
  - 5 - Only decay of event observed
  - 6 - No GOES data available during event



1984 - 1987 SOLAR MAXIMUM MISSION EVENT LISTING

PRECEDING PAGE BLANK NOT FILMED

22 INTENTIONALLY BLANK





Event # = 6792		84/01/02		DOY=2	
84/01/02, 15:15		DOY=2			
Start	End times				
GOES 15:09	15:19	Importance=B1		Qual=01	
HRBS 15:14:58	15:15:50	Peak....c/s=83		Qual=01	
		MaxkeV=120		Flags=EW	
Event # = 2201		84/01/04		DOY=4	
84/01/04, 11:08		DOY=4			
Start	End times				
GOES 11:08:34	11:08:36	Peak....c/s=69		Qual=00	
HRBS				Qual=01	
		MaxkeV=65		Flags=I	
Event # = 6793					
84/01/04, 12:46		DOY=4			
Start	End times				
GOES 12:14	12:46	Importance=B3		Qual=04	
HRBS 12:46:31	12:47:08	Peak....c/s=74		Qual=01	
		Tot Cts=793		MaxkeV=65	
Event # = 6794		84/01/05		DOY=5	
84/01/05, 12:25		DOY=5			
Start	End times				
GOES 12:22:59	12:25:00	Peak....c/s=128		Qual=00	
HRBS				Qual=01	
		Tot Cts=6569		MaxkeV=148	
Event # = 6795		84/01/24		DOY=24	
84/01/24, 04:13		DOY=24			
Start	End times				
Optical					
GOES 04:08	04:13	Ha....Class=SF		N11E72	
HRBS 04:08:40	04:09:37	Importance=C3		Qual=01	
		Peak....c/s=114		Qual=01	
		Tot Cts=3438		MaxkeV=65	
Event # = 6796		84/01/25		DOY=25	
84/01/25, 02:49		DOY=25			
Start	End times				
Optical					
GOES 02:36	02:49	Ha....Class=SF		S06W42	
HRBS 02:47:38	02:49:01	Importance=C1		N16E38	
		Peak....c/s=66		Qual=01	
		Tot Cts=6375		MaxkeV=65	
Event # = 6797		84/01/26		DOY=26	
84/01/26, 00:46		DOY=26			
Start	End times				
Optical					
GOES 00:34	00:46	Ha....Class=SB		N16E26	
HRBS 00:49:01	00:52:16	Importance=M3		Qual=04	
		Peak....c/s=95		Qual=02	
		Type/Intensity: 11/1 11/3 IV/1			
		Radio Sweeps			
		Radio Frequency(MHz)/Flux(sfu): 245/460 410/130 606/470 1415/100 2695/220 4995/330 8800/840 15400/560			

Event # = 6798									
84/01/28, 23:44		DOY=28		84/01/28		DOY=28			
Optical		End times							
GOES 23:41 23:44		Peak		N15W18		AR4391		Mac.=EKI	
HXRS 23:43:15 23:43:48		23:49		Qual=01		Tot Cts=524		MaxkeV=65	
		23:44:31		Ha...Class=SF				Carr. Lon.=111deg	
				Importance=C2				H. Ang=27deg	
				Peak...c/s=60					
Event # = 6319									
84/01/29, 07:29		DOY=29		84/01/29		DOY=29			
Optical		End times							
GOES 07:28:57 07:29:10		Peak		Qual=00		MaxkeV=65		Flags=I	
HXRS 07:28:57 07:29:10		07:29:38		Qual=01					
Event # = 6799									
84/01/29, 22:32		DOY=29							
Optical		End times							
GOES 22:22 22:32		Peak		N11W07		AR4399		Mac.=DKC	
HXRS 22:38:21 22:38:28		22:40		Qual=05		Tot Cts=2056		MaxkeV=65	
		22:40:59		Ha...Class=SN				Carr. Lon.=88deg	
				Importance=C2				H. Ang=18deg	
				Peak...c/s=82				Flags=SG	
Event # = 6800									
84/01/29, 22:46		DOY=29							
Optical		End times							
GOES 22:40 22:46		Peak		N11W07		AR4399		Mac.=DKC	
HXRS 22:41:25 22:43:22		22:53		Qual=03		Tot Cts=2365		MaxkeV=65	
		22:44:15		Ha...Class=SN				Carr. Lon.=88deg	
				Importance=C4				H. Ang=18deg	
				Peak...c/s=73					
Event # = 6801									
84/01/31, 00:36		DOY=31		84/01/31		DOY=31			
Optical		End times							
GOES 00:34:57 00:36:35		Peak		Qual=00		MaxkeV=149		Flags=AX, EW	
HXRS 00:34:57 00:36:35		00:37:43		Qual=01		Tot Cts=3039			
Event # = 6802									
84/02/01, 00:13		DOY=32		84/02/01		DOY=32			
Optical		End times							
GOES 00:11 00:13		Peak		Qual=01		MaxkeV=120			
HXRS 00:11:30 00:12:40		00:15		Qual=01		Tot Cts=1480			
		00:14:22		Ha...Class=SB					
				Importance=C1					
				Peak...c/s=65					
Event # = 6803									
84/02/02, 03:03		DOY=33		84/02/02		DOY=33			
Optical		End times							
GOES 02:58 03:03		Peak		N12W49		AR4399		Mac.=DKC	
HXRS 02:58:56 02:59:39		03:07		Qual=01		Tot Cts=1773		MaxkeV=65	
		03:00:24		Ha...Class=SB				Carr. Lon.=88deg	
				Importance=C3				H. Ang=52deg	
				Peak...c/s=103					

Event # = 6804									
84/02/02, 18:44	DOY=33	Peak	End times	Ha...Class=SN	N13477	AR4398	Mac.=EK0	Carr.Lon.=107deg	H.Ang=79deg
Optical	18:38	18:44	18:50	Importance=C6	Qual=01				
G0ES	18:38	18:44	18:50	Peak...c/s=377	Qual=01	Tot Cts=20220	MaxkeV=65		
HXRBS	18:39:53	18:40:52	18:43:23						
84/02/03 DOY=34									
Event # = 6805									
84/02/03, 18:20	DOY=34	Peak	End times	Importance=C3	Qual=04				
G0ES	18:11	18:20	18:29	Peak...c/s=79	Qual=01	Tot Cts=606	MaxkeV=65		
HXRBS	18:18:15	18:18:34	18:18:47						
Event # = 6806									
84/02/03, 22:57	DOY=34	Peak	End times	Peak...c/s=78	Qual=00				
G0ES	22:57:02	22:57:59	23:02:44		Qual=02	Tot Cts=4190	MaxkeV=92	Flags=SG	
HXRBS									
84/02/04 DOY=35									
Event # = 6807									
84/02/04, 22:35	DOY=35	Peak	End times	Peak...c/s=345	Qual=00				
G0ES	22:33:26	22:35:02	22:39:08		Qual=02	Tot Cts=28290	MaxkeV=149	Flags=SG	
HXRBS									
84/02/05 DOY=36									
Event # = 6808									
84/02/05, 22:14	DOY=36	Peak	End times	Importance=C1	Qual=01				
G0ES	22:10	22:14	22:15	Peak...c/s=92	Qual=02	Tot Cts=3910	MaxkeV=120	Flags=SG	
HXRBS	22:09:43	22:10:41	22:13:00						
84/02/06 DOY=37									
Event # = 6809									
84/02/06, 21:46	DOY=37	Peak	End times	Peak...c/s=61	Qual=00				
G0ES	21:46:06	21:46:21	21:46:59		Qual=02	Tot Cts=538	MaxkeV=92	Flags=SG, EW	
HXRBS									
84/02/08 DOY=39									
Event # = 6810									
84/02/08, 16:03	DOY=39	Peak	End times	Ha...Class=SB	N09E09	AR4411	Mac.=DAO	Carr.Lon.=304deg	H.Ang=18deg
Optical	15:58	16:03	16:07	Importance=M1	Qual=01				
G0ES	15:58	16:03	16:07	Peak...c/s=91	Qual=01	Tot Cts=2185	MaxkeV=65		
HXRBS	16:00:53	16:03:43	16:03:53						
84/02/11 DOY=42									
Event # = 2463									
84/02/11, 21:21	DOY=42	Peak	End times	Peak...c/s=73	Qual=00				
G0ES	21:21:12	21:21:21	21:21:39		Qual=01		MaxkeV=65	Flags=I	
HXRBS									

Event # = 6542									
84/02/11, 21:23		DOY=42	Peak	End times					
GOES						Qual=00			
HXRBS	21:23:42	21:23:48	21:24:02	Peak...c/s=62		Qual=01	MaxkeV=65	Flags=I	
84/02/18 DOY=49									
Event # = 6811									
84/02/18, 17:15		DOY=49	Peak	End times					
GOES	17:12	17:15	17:18	Importance=C3		Qual=01			
HXRBS	17:13:20	17:13:52	17:15:59	Peak...c/s=84		Qual=01	Tot Cts=129	MaxkeV=65	
84/02/19 DOY=50									
Event # = 6812									
84/02/19, 02:49		DOY=50	Peak	End times					
Optical						N13E60	Mac.=EKI	Carr. Lon.=115deg	H. Ang=63deg
GOES	02:36	02:49	03:00	Ha....Class=1B		Qual=01			
HXRBS	02:39:06	02:44:12	02:51:29	Importance=M1		Qual=01			
Radio Sweeps				Peak...c/s=158		Qual=01	Tot Cts=25760	MaxkeV=65	
Radio Frequency(MHz)/Flux(sfu):	11/1 4995/20 8800/20								
84/02/20 DOY=51									
Event # = 6813									
84/02/19, 21:16		DOY=50	Peak	End times					
GOES	21:12	21:16	21:19	Importance=C1		Qual=01			
HXRBS	21:14:02	21:14:30	21:14:38	Peak...c/s=89		Qual=01	Tot Cts=624	MaxkeV=65	
84/02/20 DOY=51									
Event # = 6814									
84/02/20, 00:39		DOY=51	Peak	End times					
Optical						N13E47	Mac.=FKI	Carr. Lon.=116deg	H. Ang=51deg
GOES	00:30	00:39	00:47	Ha....Class=SN		Qual=01			
HXRBS	00:31:35	00:34:27	00:36:12	Importance=C5		Qual=01	Tot Cts=6999	MaxkeV=65	
84/02/20 DOY=51									
Event # = 6815									
84/02/20, 13:16		DOY=51	Peak	End times					
Optical						N12E43	Mac.=FKI	Carr. Lon.=113deg	H. Ang=47deg
GOES	13:11	13:16	13:28	Ha....Class=SB		Qual=01			
HXRBS	13:11:20	13:12:15	13:13:28	Importance=C2		Qual=01	Tot Cts=1567	MaxkeV=65	
84/02/20 DOY=51									
Event # = 6816									
84/02/20, 16:03		DOY=51	Peak	End times					
GOES	15:59	16:03	16:05	Importance=C1		Qual=01			
HXRBS	16:00:56	16:02:15	16:02:58	Peak...c/s=121		Qual=01	Tot Cts=1966	MaxkeV=65	
84/02/20 DOY=51									
Event # = 6817									
84/02/20, 19:28		DOY=51	Peak	End times					
Optical						N13E40	Mac.=FKI	Carr. Lon.=113deg	H. Ang=44deg
GOES	19:25	19:28	19:30	Ha....Class=SF		Qual=01	AR4421	Mac.=FKI	
HXRBS	19:24:57	19:25:20	19:26:07	Importance=C1		Qual=01	Tot Cts=1897	MaxkeV=65	

84/02/21 DOY=52									
Event # = 6819									
84/02/21,06:45 DOY=52									
Start Peak									
G0ES 06:42 06:45 End times									
HRBS 06:44:59 06:45:13 06:45:43 Importance=C1									
Peak...c/s=82									
Qual=01									
Associated Event # = 6818									
Qual=01 Tot Cts=340									
MaxkeV=65									
Qual=01 Tot Cts=831									
MaxkeV=65									
84/02/21 DOY=52									
Event # = 6820									
84/02/21,07:52 DOY=52									
Start Peak									
Optical									
G0ES 07:49 07:52 End times									
HRBS 07:51:45 07:52:02 07:52:50 Ha...Class=1N									
Importance=C2									
Peak...c/s=68									
Qual=01									
Mac.=FKI									
Carr. Lon.=112deg									
H. Ang=40deg									
Qual=01 Tot Cts=726									
MaxkeV=65									
84/02/21 DOY=52									
Event # = 6821									
84/02/21,08:04 DOY=52									
Start Peak									
Optical									
G0ES 07:59 08:04 End times									
HRBS 08:00:26 08:00:59 08:01:36 Ha...Class=SF									
Importance=C3									
Peak...c/s=397									
Qual=01									
Mac.=FKI									
Carr. Lon.=113deg									
H. Ang=39deg									
Qual=01 Tot Cts=4485									
MaxkeV=120									
84/02/21 DOY=52									
Event # = 7107									
84/02/21,14:40 DOY=52									
Start Peak									
G0ES 14:40:18 14:40:32 14:41:02 End times									
HRBS Peak...c/s=127									
Qual=00									
Qual=01 Tot Cts=884									
MaxkeV=65									
Flags=I									
84/02/21 DOY=52									
Event # = 6822									
84/02/21,23:37 DOY=52									
Start Peak									
Optical									
G0ES 23:30 23:37 End times									
HRBS 23:32:36 23:33:04 23:33:56 Ha...Class=SF									
Importance=C1									
Peak...c/s=70									
Qual=01									
Mac.=FKI									
Carr. Lon.=109deg									
H. Ang=35deg									
Qual=01 Tot Cts=485									
MaxkeV=65									
84/02/22 DOY=53									
Event # = 6823									
84/02/22,08:18 DOY=53									
Start Peak									
Optical									
G0ES 08:08 08:18 End times									
HRBS 08:10:13 08:12:43 08:13:26 Ha...Class=SN									
Importance=C6									
Peak...c/s=82									
Qual=11									
Mac.=DAO									
Carr. Lon.=153deg									
H. Ang=25deg									
Qual=02									
Qual=11 Tot Cts=1501									
MaxkeV=65									
Flags=D6									
84/02/22 DOY=53									
Event # = 6824									
84/02/22,12:15 DOY=53									
Start Peak									
Optical									
G0ES 12:12 12:15 End times									
HRBS 12:13:26 12:13:34 12:13:58 Importance=C1									
Peak...c/s=75									
Qual=01									
Qual=01 Tot Cts=231									
MaxkeV=65									

84/02/24 DOY=55									
Event # = 6825									
84/02/24 06:49	DOY=55								
Optical	Start	End times							
GOES 06:43	06:49	06:55	Ha...Class=SN	N11W03	AR4421	Mac.=FKI	Carr.Lon.=110deg	H.Ang=18deg	
HXRBS 06:42:29	06:43:40	06:45:33	Importance=C3	Qual=02					
			Peak...c/s=76	Qual=01	Tot Cts=3220	MaxkeV=65			
84/02/28 DOY=59									
Event # = 6826									
84/02/28 13:07	DOY=59								
Optical	Start	End times							
GOES 13:04	13:07	13:09	Ha...Class=1B	S10E30	AR4423	Mac.=EHI	Carr.Lon.=21deg	H.Ang=30deg	
HXRBS 13:05:03	13:06:26	13:07:31	Importance=C1	Qual=01					
Radio	Frequency(MHz)/Flux(sfu):	2695/140 4995/96 8800/71	Peak...c/s=87	Qual=01	Tot Cts=1839	MaxkeV=65			
84/03/01 DOY=61									
Event # = 6827									
84/03/01 20:16	DOY=61								
Optical	Start	End times							
GOES 20:11	20:16	20:21	Importance=C6	Qual=02					
HXRBS 20:14:11	20:14:52	20:16:53	Peak...c/s=70	Qual=01	Tot Cts=2028	MaxkeV=65			
84/03/16 DOY=76									
Event # = 6851									
84/03/16 09:06	DOY=76								
Optical	Start	End times							
GOES 08:51	09:06	09:30	Ha...Class=SB	N11E66	AR4441	Mac.=CSO	Carr.Lon.=123deg	H.Ang=68deg	
HXRBS 09:05:30	09:05:43	09:09:39	Importance=M1	N11E65	AR4441		Carr.Lon.=124deg	H.Ang=67deg	
Radio	Frequency(MHz)/Flux(sfu):	1415/41 2695/440 4995/1300 8800/1400 15400/930	Peak...c/s=453	Qual=02	Tot Cts=1.24E+5	MaxkeV=65	Flags=SG		
84/03/19 DOY=79									
Event # = 6855									
84/03/19 01:47	DOY=79								
Optical	Start	End times							
GOES 01:43	01:47	01:49	Ha...Class=SB	S03W60	AR4438	Mac.=ESO	Carr.Lon.=214deg	H.Ang=60deg	
HXRBS 01:45:52	01:46:18	01:46:31	Importance=C4	Qual=01					
Radio	Frequency(MHz)/Flux(sfu):	1415/20 2695/13	Peak...c/s=210	Qual=01	Tot Cts=1321	MaxkeV=120	Flags=M5		
84/03/19 DOY=79									
Event # = 4420									
84/03/19 23:41	DOY=79								
Optical	Start	End times							
GOES 23:39:23	23:41:20	23:42:42	Peak...c/s=57	Qual=00		MaxkeV=65	Flags=I		

Event # = 6857			84/03/20		DOY=80			
84/03/20, 03:46			DOY=80		Peak		End times	
Optical								
G0ES 03:37			03:46		03:52			
G0ES 04:08:12			04:08:23		04:09:07			
Radio Sweeps			Type/Intensity:		11/2		111/2	
Radio Frequency (MHz)/Flux(sfu):			245/3800		410/48		606/51 1415/150 2695/120 4995/45 8800/18 15400/13	
Event # = 6865			84/03/22		DOY=82			
84/03/22, 16:15			DOY=82		Peak		End times	
Optical								
G0ES 16:03			16:15		16:24			
G0ES 16:07:05			16:11:29		16:13:19			
Radio Sweeps			Type/Intensity:		11/2		111/2	
Radio Frequency (MHz)/Flux(sfu):			245/92		410/25		1415/53 2695/13 8800/23 15400/33	
Event # = 6870			84/03/29		DOY=89			
84/03/29, 16:24			DOY=89		Peak		End times	
Optical								
G0ES 16:20			16:24		16:27			
G0ES 16:21:00			16:21:16		16:21:37			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 6877			84/03/31		DOY=91			
84/03/31, 08:12			DOY=91		Peak		End times	
Optical								
G0ES 08:04			08:12		08:15			
G0ES 08:06:29			08:08:02		08:08:43			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 6882			84/04/03		DOY=94			
84/04/03, 16:16			DOY=94		Peak		End times	
Optical								
G0ES 15:58			16:16		16:22			
G0ES 15:57:38			15:57:50		15:59:54			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 6885			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 6895			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 6905			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 6915			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 6925			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 6935			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 6945			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 6955			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 6965			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 6975			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 6985			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 6995			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 7005			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 7015			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 7025			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 7035			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 7045			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 7055			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 7065			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 7075			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 7085			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 7095			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 7105			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 7115			84/04/04		DOY=95			
84/04/04, 15:29			DOY=95		Peak		End times	
Optical								
G0ES 15:16			15:29		15:35			
G0ES 15:30:48			15:31:12		15:31:46			
Radio Sweeps			Type/Intensity:		11/1		111/1	
Radio Frequency (MHz)/Flux(sfu):			245/38		410/240		606/110 1415/30	
Event # = 7125			84/04/04					

Event # = 6890		84/04/15		DOY=106	
84/04/15,09:29		DOY=106			
Start		End times			
GOES	09:24	09:29	Importance=C7		
HXRBS*	09:26:00	09:27:10	09:28:30	Qual=01	Flags=AX
				Qual=01	MaxkeV=120
				Tot Cts=2050	
Event # = 8007		84/04/17		DOY=108	
84/04/17,09:34		DOY=108			
Start		End times			
Optical		SMM Pointing:		Pitch=-4", Yaw=-2", Roll=0deg	
Optical	09:27	09:34	Ha...Class=SB		H.Ang=0deg
GOES	09:28:50	09:29:33	Importance=C8	Mac.=DA0	H.Ang=48deg
HXRBS*	09:28:50	09:34:47	Peak...c/s=154	Carr. Lon.=80deg	
Radio	Frequency(MHz)/Flux(sfu):	1415/8 2695/13 4995/26	Qual=01	Flags=I	
				Tot Cts=11364	
				MaxkeV=65	
Event # = 12728		84/04/17		DOY=108	
84/04/17,22:37		DOY=108			
Start		End times			
Optical		SMM Pointing:		Pitch=+659", Yaw=+653", Roll=0deg	
Optical	22:37:24	22:37:27	22:37:29		H.Ang=76deg
HXRBS*	22:37:24	22:37:27	22:37:29	Flags=NS,GB	
				Qual=01	
Event # = 6891		84/04/18		DOY=109	
84/04/18,12:25		DOY=109			
Start		End times			
Optical		SMM Pointing:		Pitch=-4", Yaw=-2", Roll=0deg	
Optical	12:13	12:25	Ha...Class=1B		H.Ang=0deg
GOES	12:16:03	12:18:00	Importance=C9	Mac.=DA0	H.Ang=32deg
HXRBS*	12:16:03	12:27:14	Peak...c/s=690	Carr. Lon.=81deg	
Radio	Frequency(MHz)/Flux(sfu):	245/170 410/35 606/22 1415/18 2695/44 4995/34 8800/28 15400/20	Qual=01	Flags=M5	
				MaxkeV=89	
				Tot Cts=50781	
Event # = 6892		84/04/19		DOY=110	
84/04/19,02:00		DOY=110			
Start		End times			
Optical		SMM Pointing:		Pitch=-4", Yaw=-2", Roll=0deg	
Optical	01:53	02:00	Ha...Class=2B		H.Ang=0deg
GOES	01:55:54	01:57:26	Importance=C5	Mac.=DA0	H.Ang=27deg
HXRBS*	01:55:54	01:57:26	02:01:23	Carr. Lon.=80deg	H.Ang=49deg
UVSP	02:00	Type/Intensity:	Code=02	MaxkeV=53	
Radio	Sweeps		WaveLength=2916A	Rast=120"x120"	Pitch=-64", Yaw=-5"
Radio	Frequency(MHz)/Flux(sfu):	1415/12 2695/24 4995/15 8800/23	Exp #=16946	Step=3"	
				Tot Cts=27374	
Event # = 6894		84/04/20		DOY=111	
84/04/20,01:51		DOY=111			
Start		End times			
Optical		SMM Pointing:		Pitch=-2", Yaw=-4", Roll=0deg	
Optical	01:48	01:51	Ha...Class=SB		H.Ang=0deg
GOES	01:49:52	01:50:40	Importance=C2	Mac.=EAO	H.Ang=18deg
HXRBS*	01:49:52	01:50:40	01:51:30	Carr. Lon.=79deg	
UVSP	01:50:40	Peak...c/s=70	410/5	Flags=EG,ND	
Radio	Frequency(MHz)/Flux(sfu):	410/5		MaxkeV=48	Pitch=-64", Yaw=-5"





Event # = 6904													
84/04/20,23:34		DOY=111	Peak	SMM Pointing:		S05W00	Pitch=+0",Yaw=+0",Roll=0deg						
Optical		End times											
G0ES	23:04	23:34	00:28	Ha...Class=1B	N05W73	AR4471	Mac.=DAO	Carr.Lon.=152deg	H.Ang=0deg				
HXRBS*	23:27:48	23:38:57	00:16:06	Importance=M1	Qual=01	Tot Cts=59792 Exp #=16960	MaxkeV=48	Flags=M5	H.Ang=74deg				
UVSP	23:19	23:27:48	00:16:06	Peak...c/s=246	Qual=01		Rast=10"x10"	Step=0"	Pitch=-64",Yaw=-5"				
Radio Sweeps		Type/Intensity:		III/1									
Radio		Frequency(MHz)/Flux(sfu):		245/65 410/51 2695/13 4995/6									
84/04/21 DOY=112													
Event # = 6906													
84/04/21,01:06		DOY=112	Peak	SMM Pointing:		S05W00	Pitch=+0",Yaw=+0",Roll=0deg						
Optical		End times											
G0ES	01:01	01:06	01:15	Ha...Class=SF	N05W74	AR4471	Mac.=DAO	Carr.Lon.=152deg	H.Ang=0deg				
HXRBS*	01:06:37	01:06:45	01:07:12	Importance=C7	Qual=01	Associated Event # = 6905	MaxkeV=48						
				Peak...c/s=60	Qual=01								
HXRBS*	01:03:31	01:03:52	01:04:40	Peak...c/s=58	Qual=01		MaxkeV=48						
84/04/21,01:57 DOY=112													
Event # = 6908													
84/04/21,01:57		DOY=112	Peak	SMM Pointing:		S05W00	Pitch=+0",Yaw=+0",Roll=0deg						
Optical		End times											
G0ES	01:36	01:57	02:15	Ha...Class=2B	S08E87	AR4474	Mac.=CA0	Carr.Lon.=351deg	H.Ang=0deg				
HXRBS*	01:42:14	01:43:25	01:47:18	Importance=M1	Qual=02	Tot Cts=7233	MaxkeV=48						
Radio	Frequency(MHz)/Flux(sfu):		4995/7 8800/7		15400/10		Qual=01						
				Associated	Qual=01		MaxkeV=48						
HXRBS*	01:35:15	01:37:31	01:38:40	Peak...c/s=64	Qual=01	Associated Event # = 6909	MaxkeV=48						
				Associated	Qual=01		MaxkeV=48						
HXRBS*	01:49:13	01:51:08	01:51:14	Peak...c/s=70	Qual=01		MaxkeV=48						
				Associated	Qual=01	Associated Event # = 6910	MaxkeV=48						
HXRBS*	01:51:55	01:53:05	01:53:26	Peak...c/s=77	Qual=01		MaxkeV=48						
84/04/21,03:03 DOY=112													
Event # = 6911													
84/04/21,03:03		DOY=112	Peak	SMM Pointing:		S05W00	Pitch=+0",Yaw=+0",Roll=0deg						
Optical		End times											
G0ES	02:42	03:03	03:41	Ha...Class=1B	N04W75	AR4471	Mac.=DAO	Carr.Lon.=152deg	H.Ang=0deg				
HXRBS*	02:42:00	02:43:30	03:08:43	Importance=M1	Qual=03	Tot Cts=44216	MaxkeV=67						
Radio Sweeps	Type/Intensity:		III/1		Qual=01								
				Associated	Qual=01		MaxkeV=48						
HXRBS*	03:15:50	03:16:45	03:18:55	Peak...c/s=133	Qual=01	Associated Event # = 6912 Tot Cts=3319							
84/04/21,04:56 DOY=112													
Event # = 6913													
84/04/21,04:56		DOY=112	Peak	SMM Pointing:		S05W00				Pitch=+0",Yaw=+0",Roll=0deg			
Optical		End times											
G0ES	04:53	04:56	04:58	Ha...Class=1B	N04W75	AR4471	Mac.=DAO	Carr.Lon.=152deg	H.Ang=0deg				
HXRBS*	04:54:15	04:55:19	04:56:09	Importance=C3	Qual=01	Exp #=16961	MaxkeV=48						
UVSP	05:38	04:54:15	04:56:09	Peak...c/s=67	Qual=01		Rast=10"x10"	Step=0"	Pitch=-64",Yaw=-5"				
				Wave length=1524A	Qual=01								

Event # = 6914									
84/04/21,05:46	DOY=112	Peak	End times	SMM Pointing:	S05W00	Pitch=-3",Yaw=-5",Roll=0deg	H.Ang=0deg		
Start	05:46	05:46	05:55	Importance=C4	Qual=05				
GOES 05:40				Peak...c/s=69	Qual=01				
HXRBS* 05:40:08	05:41:33	05:41:49		Wave length=1524A	Code=00	MaxkeV=48			
UVSP 05:38					Exp #=16961	Rast=10"x10"	Pitch=-64",Yaw=-5"		
Event # = 6915									
84/04/21,05:56	DOY=112	Peak	End times	SMM Pointing:	S05W00	Pitch=-3",Yaw=-5",Roll=0deg	H.Ang=0deg		
Start	05:56	05:56	05:58:07	Peak...c/s=59	Qual=05				
GOES 05:56:30	05:56:51	05:58:07		Wave length=1524A	Qual=01	MaxkeV=48			
HXRBS* 05:56:30	05:56:51	05:58:07			Exp #=16961	Rast=10"x10"	Pitch=-64",Yaw=-5"		
UVSP 05:38									
Event # = 6916									
84/04/21,07:31	DOY=112	Peak	End times	SMM Pointing:	S05W00	Pitch=-3",Yaw=-5",Roll=0deg	H.Ang=0deg		
Start	07:31	07:31	07:39	Ha...Class=1B	S14E83	Mac.=CA0			
Optical 07:24				Importance=M1	Qual=01	Carr.Lon.=352deg	H.Ang=82deg		
GOES 07:25:46	07:27:22	07:32:52		Peak...c/s=1600	Qual=01				
HXRBS* 07:25:46	07:27:22	07:32:52		Wave length=1524A	Code=00	MaxkeV=172			
UVSP 07:12					Exp #=16962	Rast=10"x10"	Pitch=-64",Yaw=-5"		
Radio Sweeps	Type/Intensity:			III/1					
Radio Frequency(MHz)/Flux(sfu):	245/97	1415/9	2695/38	4995/37	8800/64	15400/28			
Event # = 4812									
84/04/21,09:39	DOY=112	Peak	End times	SMM Pointing:	S05W00	Pitch=-3",Yaw=-5",Roll=0deg	H.Ang=0deg		
Start	09:39	09:39	09:44	Importance=C5	Qual=01				
GOES 09:31	09:37:27	09:38:20		Peak...c/s=163	Qual=01	MaxkeV=48	Flags=I		
HXRBS 09:36:32	09:37:27	09:38:20			Tot Cts=4308				
Event # = 6917									
84/04/21,10:37	DOY=112	Peak	End times	SMM Pointing:	S05W00	Pitch=-3",Yaw=-5",Roll=0deg	H.Ang=0deg		
Start	10:37	10:37	10:48	Importance=M2	Qual=02				
GOES 10:28	10:29:08	10:29:10		Peak...c/s=192	Qual=01	MaxkeV=48			
HXRBS* 10:22:17	10:29:08	10:29:10			Tot Cts=9535				
Event # = 4875									
84/04/21,12:02	DOY=112	Peak	End times	SMM Pointing:	S05W00	Pitch=-3",Yaw=-5",Roll=0deg	H.Ang=0deg		
Start	12:02	12:02	12:45	Importance=C8	Qual=01				
GOES 11:53	11:57:46	12:04:04		Peak...c/s=149	Qual=01	MaxkeV=48	Flags=I		
HXRBS 11:56:35	11:57:46	12:04:04			Tot Cts=6514				
Radio Frequency(MHz)/Flux(sfu):	245/53	410/300							
84/04/22 DOY=113									
Event # = 6918									
84/04/22,01:32	DOY=113	Peak	End times	SMM Pointing:	S05W00	Pitch=-3",Yaw=-1",Roll=0deg	H.Ang=0deg		
Start	01:32	01:32	01:35	Ha...Class=SN	S10E75	Mac.=CA0			
Optical 01:29	01:30:50	01:31:16		Importance=C3	Qual=02	Carr.Lon.=350deg	H.Ang=74deg		
GOES 01:29	01:30:50	01:31:16		Peak...c/s=141	Qual=01	MaxkeV=67	Pitch=-64",Yaw=-5"		
HXRBS* 01:30:36	01:30:50	01:31:16			Tot Cts=2038				
UVSP									





Event # = 6939	DOY=113	SMM Pointing:	S05W00	Pitch=-2", Yaw=-4", Roll=0deg	H. Ang=0deg
84/04/22, 14:02	Peak	End times			
Optical		Ha...Class=SN			
GOES 13:59	14:02	14:06			
GOES 14:00:03	14:00:58	14:04:51			
HXRBS* 14:00:03	14:00:58	14:04:51			
Radio		Peak...c/s=1503			
Frequency (MHz)/Flux(sfu):		4995/14 8800/28			
Event # = 6940	DOY=113	SMM Pointing:	S05W00	Pitch=-3", Yaw=-2", Roll=0deg	H. Ang=0deg
84/04/22, 14:45	Peak	End times			
Optical		Importance=C1			
GOES 14:30	14:45	15:00			
GOES 14:44:25	14:44:43	14:45:16			
HXRBS* 14:44:25	14:44:43	14:45:16			
Radio		Peak...c/s=76			
Frequency (MHz)/Flux(sfu):		V/1			
Event # = 6941	DOY=113	SMM Pointing:	S05W00	Pitch=-3", Yaw=-2", Roll=0deg	H. Ang=0deg
84/04/22, 17:12	Peak	End times			
Optical		Importance=C1			
GOES 17:10	17:12	17:13			
GOES 17:12:45	17:12:52	17:13:06			
HXRBS* 17:12:45	17:12:52	17:13:06			
Radio		Peak...c/s=91			
Frequency (MHz)/Flux(sfu):					
Event # = 6946	DOY=115	SMM Pointing:	S05W00	Pitch=-3", Yaw=-3", Roll=0deg	H. Ang=0deg
84/04/24, 17:28	Peak	End times			
Optical		Ha...Class=18			
GOES 17:24	17:28	17:34			
GOES 17:25:37	17:27:20	17:31:43			
HXRBS* 17:25:37	17:27:20	17:31:43			
Radio		Peak...c/s=8974			
Frequency (MHz)/Flux(sfu):		V/2			
Event # = 6948	DOY=115	SMM Pointing:	S05W00	Pitch=-3", Yaw=-3", Roll=0deg	H. Ang=0deg
84/04/24, 18:05	Peak	End times			
Optical		Ha...Class=SB			
GOES 18:02	18:05	18:08			
GOES 18:04:13	18:04:17	18:05:03			
HXRBS* 18:04:13	18:04:17	18:05:03			
Radio		Peak...c/s=124			
Frequency (MHz)/Flux(sfu):		Associated			
Event # = 6949	DOY=115	SMM Pointing:	S05W00	Pitch=-3", Yaw=-3", Roll=0deg	H. Ang=0deg
84/04/24, 19:08	Peak	End times			
Optical		Ha...Class=SF			
GOES 19:06	19:08	19:10			
GOES 19:06:57	19:07:13	19:09:45			
HXRBS* 19:06:57	19:07:13	19:09:45			
Radio		Peak...c/s=90			
Frequency (MHz)/Flux(sfu):					
Event # = 6950	DOY=115	SMM Pointing:	S05W00	Pitch=-2", Yaw=-3", Roll=0deg	H. Ang=0deg
84/04/24, 20:21	Peak	End times			
Optical		Ha...Class=SB			
GOES 20:13	20:21	20:25			
GOES 20:14:07	20:19:04	20:24:29			
HXRBS* 20:14:07	20:19:04	20:24:29			
Radio		Peak...c/s=1030			
Frequency (MHz)/Flux(sfu):		V/2			



Event # = 6957										
84/04/25,06:03		DOY=116	Peak	End times		SMM Pointing:		S10E35	Pitch=+100",Yaw=+535",Roll=0deg	H.Ang=35deg
Optical										
GOES	06:00	06:03	06:09	Ha...Class=SN		AR4474		S13E50	Mac.=FKI	H.Ang=50deg
HXRBS*	06:00:09	06:01:58	06:08:09	Importance=C4				Qual=01		
BCS	06:00	06:05	06:10	Peak...c/s=471				Qual=01		
Radio	Frequency(MHz)/Flux(sfu):			CaPeak.c/s=83				Qual=1	MaxkeV=150	
				4995/39 8800/160 15400/45				FePeak=06:05	#Peaks=1 dt=11.3s	XEN=411632
Event # = 6958										
84/04/25,06:14		DOY=116	Peak	End times		SMM Pointing:		S10E35	Pitch=+100",Yaw=+535",Roll=0deg	H.Ang=35deg
GOES	06:13:58	06:14:29	06:14:52	Peak...c/s=92				Qual=00		
HXRBS*	06:13:58	06:14:29	06:14:52	Peak...c/s=92				Qual=01	MaxkeV=108	
		Tot Cts=1037								
Event # = 6959										
84/04/25,11:08		DOY=116	Peak	End times		SMM Pointing:		S10E35	Pitch=+101",Yaw=+535",Roll=0deg	H.Ang=35deg
Optical										
GOES	10:57	11:08	11:17	Ha...Class=SF		AR4474		S12E36	Mac.=FKI	H.Ang=36deg
HXRBS*	11:01:38	11:05:53	11:08:15	Importance=C2				Qual=04		
BCS	11:00	11:07	11:25	Peak...c/s=119				Qual=01	MaxkeV=87	
Radio	Frequency(MHz)/Flux(sfu):			CaPeak.c/s=65				Qual=1	FePeak=11:05	XEN=411613
				245/18 606/36 4995/22 8800/49 15400/20				FePeak.c/s=13	#Peaks=2 dt=11.3s	
Event # = 20526										
84/04/25,15:03		DOY=116	Peak	End times		SMM Pointing:		S10E35	Pitch=+101",Yaw=+535",Roll=0deg	H.Ang=35deg
Optical										
GOES	14:55	15:03	15:09	Ha...Class=SB		AR4474		S10E45	Mac.=FKI	H.Ang=45deg
BCS	15:08	15:08	15:11	Importance=M1				Qual=05		
Radio	Frequency(MHz)/Flux(sfu):			CaPeak.c/s=64				Qual=5	FePeak=15:08	XEN=411631
				V/2				FePeak.c/s=8	#Peaks=1	
Event # = 20527										
84/04/25,17:54		DOY=116	Peak	End times		SMM Pointing:		S10E35	Pitch=+101",Yaw=+535",Roll=0deg	H.Ang=35deg
Optical										
GOES	17:39	17:54	18:36	Ha...Class=LB		AR4474		S14E26	Mac.=FKI	H.Ang=27deg
BCS	17:43	18:19	19:10	Importance=C7				Qual=04		
Radio	Frequency(MHz)/Flux(sfu):			CaPeak.c/s=148				Qual=7	FePeak=18:19	XEN=411614
				1415/16 2695/17 4995/26 8800/15				FePeak.c/s=22	#Peaks=1	
Event # = 20528										
84/04/25,19:52		DOY=116	Peak	End times		SMM Pointing:		S10E35	Pitch=+100",Yaw=+535",Roll=0deg	H.Ang=35deg
GOES	19:52	19:52	20:05	CaPeak.c/s=31				Qual=00		
BCS	19:52	19:52	20:05	CaPeak.c/s=31				Qual=5	FePeak=19:52	XEN=411616
Radio	Frequency(MHz)/Flux(sfu):			410/11 606/120						
Event # = 20529										
84/04/25,20:33		DOY=116	Peak	End times		SMM Pointing:		S10E35	Pitch=+100",Yaw=+535",Roll=0deg	H.Ang=35deg
GOES	20:10	20:33	20:45	Importance=C2				Qual=05		
BCS	20:05	20:27	20:51	CaPeak.c/s=34				Qual=7	FePeak=20:13	XEN=411617



Event # = 6961									
84/04/25, 20:48	Start	DOY=116	Peak	End times	SMM Pointing:	S10E35	Pitch=+100", Yaw=+535", Roll=0deg	H. Ang=35deg	
GOES						Qual=00			
HXRBS*	20:48:25	20:48:51	20:49:19	Peak...c/s=62		Qual=01	MaxkeV=48		
Event # = 6962									
84/04/25, 21:45	Start	DOY=116	Peak	End times	SMM Pointing:	S10E35	Pitch=+100", Yaw=+535", Roll=0deg	H. Ang=35deg	
GOES	21:35	21:45	21:55	Importance=C2		Qual=01			
HXRBS*	21:42:53	21:43:41	21:44:06	Peak...c/s=68		Qual=01	MaxkeV=48		
BCS	21:38	22:03	22:15	CaPeak.c/s=38		Qual=1	FePeak.c/s=8	#Peaks=2	dt=11.3s
FCS		21:52		Peak3...c/s=106					XEN=411600
Event # = 6963									
84/04/25, 23:11	Start	DOY=116	Peak	End times	SMM Pointing:	S10E35	Pitch=+101", Yaw=+536", Roll=0deg	H. Ang=35deg	
Optical						S13E30	Mac.=FKI	Carr.Lon.=343deg	H. Ang=31deg
GOES	23:06	23:11	23:15	Ha...Class=SF		Qual=01			
HXRBS*	23:07:57	23:08:59	23:11:17	Importance=C3		Qual=01	AR4474		
BCS	23:08	23:10	23:22	Peak...c/s=96		Qual=1	MaxkeV=48		
				CaPeak.c/s=46			FePeak.c/s=15	#Peaks=1	XEN=411627
Event # = 6964									
84/04/25, 23:35	Start	DOY=116	Peak	End times	SMM Pointing:	S10E35	Pitch=+101", Yaw=+536", Roll=0deg	H. Ang=35deg	
GOES	23:30	23:35	23:50	Importance=C2		Qual=01			
HXRBS*	23:31:08	23:34:07	23:36:18	Peak...c/s=113		Qual=01	MaxkeV=87		
BCS	23:31	23:35	23:47	CaPeak.c/s=49		Qual=1	FePeak.c/s=12	#Peaks=1	XEN=411630
Radio Sweeps				Type/Intensity: III/1					
Radio Frequency(MHz)/Flux(sfu):				245/360 410/98					
				606/98 1415/120					
				Associated Event # = 6965					
HXRBS*	23:39:08	23:40:50	23:41:48	Peak...c/s=72		Qual=01	MaxkeV=48		
84/04/26 DOY=117									
Event # = 6966									
84/04/26, 00:46	Start	DOY=117	Peak	End times	SMM Pointing:	S88E03	Pitch=+949", Yaw=+2", Roll=0deg	H. Ang=84deg	
Optical						S09E39	Mac.=FKI	Carr.Lon.=334deg	H. Ang=39deg
GOES	00:38	00:46	00:51	Ha...Class=S8		Qual=01			
HXRBS*	00:38:45	00:47:35	00:52:39	Importance=C9		Qual=01			
Radio Sweeps				Peak...c/s=903					
Radio Frequency(MHz)/Flux(sfu):				III/2					
				245/220 410/850					
				606/33 1415/220 2695/28 4995/58 8800/70 15400/110					
Event # = 6967									
84/04/26, 01:18	Start	DOY=117	Peak	End times	SMM Pointing:	N00W85	Pitch=+1", Yaw=-951", Roll=0deg	H. Ang=85deg	
Optical						S13E29	Mac.=FKI	Carr.Lon.=343deg	H. Ang=30deg
GOES	01:15	01:18	01:25	Ha...Class=S8		Qual=01			
HXRBS*	01:17:38	01:17:57	01:18:28	Importance=C2		Qual=01			
				Peak...c/s=89					
				Associated Event # = 6968					
HXRBS*	01:21:07	01:21:45	01:22:10	Peak...c/s=69		Qual=01	MaxkeV=48		

Event # = 6969									
84/04/26,02:20	Start	DOY=117	Peak	SMM Pointing:		S12E28	Pitch=+133",Yaw=+434",Roll=0deg		H.Ang=28deg
Optical	End times								
GOES	02:15	02:20	02:25	Ha...Class=SN	S12E29	AR4474	Mac.=FKI	Carr.Lon.=343deg	H.Ang=30deg
HXRBS*	02:20:40	02:20:53	02:21:02	Importance=C2	Qual=01				
BCS	02:16	02:22	02:31	Peak...c/s=311	Qual=01	Tot Cts=1759			
FCS		02:22		CaPeak.c/s=41	Qual=1	FePeak=02:21			
Radio	Frequency(MHz)/Flux(sfu):	02:18		Peak3...c/s=107					
				245/245					
Event # = 20530									
84/04/26,03:50	Start	DOY=117	Peak	SMM Pointing:		S12E28	Pitch=+129",Yaw=+437",Roll=0deg		H.Ang=28deg
Optical	End times								
Optical									
GOES	03:20	03:50	03:55	Ha...Class=SN	S13E30	AR4474	Mac.=FKI	Carr.Lon.=341deg	H.Ang=31deg
BCS	03:44	03:48	04:04	Ha...Class=SF	S17W71	AR4469			
FCS		03:50		Importance=C2	Qual=04				
UVSP	03:46	03:56		CaPeak.c/s=41	Qual=4	FePeak=03:48			
Radio	Frequency(MHz)/Flux(sfu):			Peak3...c/s=207	Code=00	Exp #=16969			
				Wavelength=1525A					
				4995/20 8800/27					
Event # = 20531									
84/04/26,04:10	Start	DOY=117	Peak	SMM Pointing:		S12E28	Pitch=+129",Yaw=+437",Roll=0deg		H.Ang=28deg
GOES	04:03	04:10	04:15	Importance=C2	Qual=01				
BCS	04:05	04:08	04:23	CaPeak.c/s=23	Qual=1	FePeak=04:08			
FCS		04:10		Peak3...c/s=142	Code=01	Exp #=16969			
UVSP	03:46			Wavelength=1525A					
Event # = 20532									
84/04/26,04:28	Start	DOY=117	Peak	SMM Pointing:		S12E28	Pitch=+129",Yaw=+437",Roll=0deg		H.Ang=28deg
GOES	04:28	04:28	04:30	CaPeak.c/s=31	Qual=00				
BCS	04:28	04:28	04:30	Peak3...c/s=85	Qual=1	FePeak=04:28			
FCS		04:30		Wavelength=1525A		Exp #=16969			
UVSP	03:46								
Event # = 20533									
84/04/26,04:42	Start	DOY=117	Peak	SMM Pointing:		S12E28	Pitch=+129",Yaw=+437",Roll=0deg		H.Ang=28deg
GOES	04:42	04:42	04:45	CaPeak.c/s=34	Qual=00				
BCS	04:34	04:42	04:45	Peak3...c/s=81	Qual=3	FePeak=04:28			
FCS		04:36		Wavelength=1525A		Exp #=16969			
UVSP	03:46								
Event # = 20557									
84/04/26,05:19	Start	DOY=117	Peak	SMM Pointing:		S12E28	Pitch=+129",Yaw=+437",Roll=0deg		H.Ang=28deg
Optical	End times								
GOES	05:03	05:19	05:20	Ha...Class=SB	S13E36	AR4474	Mac.=FKI	Carr.Lon.=334deg	H.Ang=37deg
BCS	05:19	05:19	05:29	Importance=C5	Qual=05				
FCS		05:42		CaPeak.c/s=126	Qual=5	FePeak=05:21			
Radio	Frequency(MHz)/Flux(sfu):			Peak3...c/s=326					
				4995/18 8800/55					

Event # = 7454									
84/04/26, 05:40	DOY=117	Start	Peak	End times	SMM Pointing:	S12E27	Pitch=+130", Yaw=+417", Roll=0deg	H. Ang=27deg	
Optical					Ha...Class=SB		Mac.=FKI	Carr. Lon.=334deg	H. Ang=37deg
GOES	05:31	05:40	05:51		Importance=C5	Qual=01			
HXRBS	05:38:23	05:38:49	05:40:42		Peak...c/s=123	Qual=01			
BCS	05:29	05:40	06:19		CaPeak.c/s=178				
FCS		05:42			Peak3...c/s=326				
Radio	Frequency(MHz)/Flux(sfu):	4995/18	8800/23						
-----									
HXRBS	05:31:44	05:33:12	05:33:52		Peak...c/s=98				
-----									
Associated Event # = 7453									
Qual=01									
-----									
MaxkeV=48									
Flags=I									
-----									
FePeak.c/s=26 #Peaks=1 dt=11.3s XEN=411732									
Rast=300"x300" Step=10" Cad= 922s 1.024s/pixel									
-----									
Event # = 20743									
84/04/26, 05:40	DOY=117	Start	Peak	End times					
BCS	05:29	05:40	06:19		CaPeak.c/s=178				
FCS		05:42			Peak3...c/s=326				
-----									
FePeak=05:39									
-----									
Pitch=+130", Yaw=+414", Roll=0deg									
H. Ang=27deg									
-----									
Mac.=FKI									
Carr. Lon.=40deg									
H. Ang=31deg									
-----									
FePeak.c/s=17 #Peaks=1 XEN=411716									
Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel									
-----									
Event # = 20535									
84/04/26, 06:59	DOY=117	Start	Peak	End times	SMM Pointing:	S12E26			
Optical					Ha...Class=1B				
Optical					Ha...Class=SF				
GOES	06:52	06:59	07:08		Importance=M1	Qual=05			
BCS	07:16	07:16	07:45		CaPeak.c/s=122	Qual= 5			
FCS		07:20			Peak3...c/s=189				
Radio	Type/Intensity:	11/2	IV/2						
Radio	Frequency(MHz)/Flux(sfu):	245/1700	410/92						
-----									
Pitch=+130", Yaw=+414", Roll=0deg									
H. Ang=27deg									
-----									
Mac.=FKI									
Carr. Lon.=342deg									
H. Ang=31deg									
-----									
FePeak.c/s=17 #Peaks=1 XEN=411716									
Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel									
-----									
Event # = 7491									
84/04/26, 07:33	DOY=117	Start	Peak	End times	SMM Pointing:	S12E26	Pitch=+130", Yaw=+414", Roll=0deg	H. Ang=27deg	
Optical					Ha...Class=1B		Mac.=CS0	Carr. Lon.=41deg	H. Ang=32deg
GOES	07:24	07:33	07:41		Importance=C5	Qual=01			
HXRBS	07:24:12	07:25:49	07:27:06		Peak...c/s=91	Qual=01			
BCS	07:16	07:16	07:45		CaPeak.c/s=122	Qual= 5			
FCS		07:20			Peak3...c/s=189				
Radio	Frequency(MHz)/Flux(sfu):	245/93	1415/19						
-----									
Pitch=+130", Yaw=+414", Roll=0deg									
H. Ang=27deg									
-----									
Mac.=CS0									
Carr. Lon.=41deg									
H. Ang=32deg									
-----									
MaxkeV=48									
FePeak.c/s=17 #Peaks=1 XEN=411716									
Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel									
-----									
Event # = 6970									
84/04/26, 09:04	DOY=117	Start	Peak	End times	SMM Pointing:	S12E24	Pitch=+128", Yaw=+387", Roll=0deg	H. Ang=25deg	
Optical					Ha...Class=1B		Mac.=FKI	Carr. Lon.=334deg	H. Ang=34deg
GOES	08:54	09:04	09:14		Importance=M2	Qual=01			
HXRBS*	08:57:07	09:03:38	09:08:45		Peak...c/s=3117	Qual=02			
BCS	08:57	09:03	09:28		CaPeak.c/s=1788	Qual= 1			
FCS		09:01			Peak3...c/s=106				
Radio	Frequency(MHz)/Flux(sfu):	410/400	606/330						
-----									
Pitch=+128", Yaw=+387", Roll=0deg									
H. Ang=25deg									
-----									
Mac.=FKI									
Carr. Lon.=334deg									
H. Ang=34deg									
-----									
MaxkeV=219									
FePeak.c/s=539 #Peaks=1 XEN=411719									
Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel									
-----									
Event # = 20536									
84/04/26, 12:19	DOY=117	Start	Peak	End times	SMM Pointing:	S12E23	Pitch=+129", Yaw=+365", Roll=0deg	H. Ang=24deg	
Optical					Ha...Class=1B		Mac.=FKI	Carr. Lon.=343deg	H. Ang=24deg
GOES									
BCS	11:37	12:19	12:37		CaPeak.c/s=54	Qual=00			
FCS		12:24			Peak3...c/s=160	Qual= 1			
-----									
FePeak=12:19									
-----									
FePeak.c/s=11 #Peaks=2 dt=11.3s XEN=411721									
Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel									
-----									

Event # = 6971	84/04/26, 12:55	Start	DOY=117	Peak	SMM Pointing:	S12E23	Pitch=+129", Yaw=+365", Roll=0deg	H. Ang=24deg
Optical		End times			Ha...Class=2B		Mac.=FKI	H. Ang=24deg
Optical					Ha...Class=SF	AR4474	Carr. Lon.=343deg	H. Ang=33deg
GOES	12:40	12:55	13:31		Importance=M2	AR4472		
HXRBS*	13:12:28	13:12:29	13:15:01		Peak...c/s=77	Tot Cts=1134	MaxkeV=48	
BCS	13:11	13:11	14:12		CaPeak.c/s=669	FePeak=13:11	FePeak.c/s=105	#Peaks=1
FCS	13:14	13:14			Peak3...c/s=1294			XEN=411731
Radio	Frequency (MHz)/Flux(sfu):				1415/26 2695/77	4995/79 8800/74 15400/30		
Event # = 20537	84/04/26, 16:42	Start	DOY=117	Peak	SMM Pointing:	S12E21	Pitch=+126", Yaw=+336", Roll=0deg	H. Ang=22deg
GOES	16:37	16:42	16:46		Importance=C1			
BCS	16:37	16:39	16:41		CaPeak.c/s=18	Qual=03	FePeak.c/s=10	#Peaks=1 dt=11.3s
FCS	16:38	16:38			Peak3...c/s=57	Qual=1	Rast=300"x300"	Step=10" Cad= 922s XEN=411730
Event # = 6972	84/04/26, 18:15	Start	DOY=117	Peak	SMM Pointing:	S12E20	Pitch=+127", Yaw=+312", Roll=0deg	H. Ang=21deg
Optical		End times			Ha...Class=IN		Mac.=CS0	H. Ang=36deg
GOES	18:02	18:15	18:25		Importance=C2	AR4472	MaxkeV=48	
HXRBS*	18:10:33	18:11:25	18:11:50		Peak...c/s=63			
Event # = 6973	84/04/26, 18:46	Start	DOY=117	Peak	SMM Pointing:	S12E20	Pitch=+127", Yaw=+312", Roll=0deg	H. Ang=21deg
GOES	18:45	18:46	18:47		Importance=C1			
HXRBS*	18:45:26	18:46:08	18:46:52		Peak...c/s=89			
Event # = 20538	84/04/26, 22:51	Start	DOY=117	Peak	SMM Pointing:	S12E18	Pitch=+126", Yaw=+285", Roll=0deg	H. Ang=19deg
GOES	22:48	22:51	22:53		CaPeak.c/s=30			
BCS	22:49	22:49			Peak3...c/s=77	Qual=06	FePeak.c/s=15	#Peaks=1
Radio Sweeps	Type/Intensity:				V/2	Qual=1	Rast=300"x300"	Step=10" Cad= 922s XEN=411728
Event # = 6974	84/04/27, 00:17	Start	DOY=118	Peak	SMM Pointing:	S05W00	Pitch=+0", Yaw=+6", Roll=0deg	H. Ang=0deg
Optical		End times			Ha...Class=SN		Mac.=FKI	H. Ang=10deg
GOES	00:14	00:17	00:23		Importance=C2	AR4474	Carr. Lon.=352deg	
HXRBS*	00:13:47	00:14:15	00:15:43		Peak...c/s=54		MaxkeV=48	
BCS	00:13	00:17	00:20		CaPeak.c/s=20	FePeak=00:17	FePeak.c/s=9	#Peaks=1 dt=11.3s
FCS	00:14	00:14			Peak3...c/s=29	Qual=1	Rast=0"x0"	Step=0" Cad=3840s XEN=411800
Event # = 6975	84/04/27, 00:28	Start	DOY=118	Peak	SMM Pointing:	S85E01	Pitch=+942", Yaw=+2", Roll=0deg	H. Ang=81deg
GOES	00:26	00:28	00:31		Importance=C1		MaxkeV=108	
HXRBS*	00:26:56	00:27:44	00:29:11		Peak...c/s=82			
Radio	Frequency (MHz)/Flux(sfu):				410/30			

Event # = 20539									
84/04/27,01:16	DOY=118	Peak	End times	SMM Pointing:	S05W00	Pitch=+6", Yaw=-2", Roll=0deg	H.Ang=0deg		
Optical				Ha...Class=SB	S13E09	Mac.=FKI	Carr.Lon.=350deg	H.Ang=12deg	
G0ES	01:12	01:16	01:19	Importance=C3	Qual=02	FePeak.c/s=10	#Peaks=1	dt=11.3s	XEN=411801
BCS	01:11	01:12	01:13	CaPeak.c/s=14	Qual=1	Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel
FCS	01:13	01:13		Peak3...c/s=20					
Radio	Frequency(MHz)/Flux(sfu):	245/3	410/23	606/100					
Event # = 20593									
84/04/27,01:38	DOY=118	Peak	End times	SMM Pointing:	S05W00	Pitch=+6", Yaw=-2", Roll=0deg	H.Ang=0deg		
Optical				Ha...Class=SN	S13E09	Mac.=FKI	Carr.Lon.=350deg	H.Ang=12deg	
G0ES	01:28	01:38	02:17	Importance=C4	Qual=05	FePeak.c/s=9	#Peaks=1	XEN=411802	
BCS	01:47	01:48	02:00	CaPeak.c/s=27	Qual=5	Rast=180"x180"	Step=10"	Cad=332s	1.024s/pixel
FCS	01:54	01:54		Peak3...c/s=14					
Radio	Frequency(MHz)/Flux(sfu):	245/24	410/10	606/70					
Event # = 20540									
84/04/27,04:27	DOY=118	Peak	End times	SMM Pointing:	S12E16	Pitch=+127", Yaw=+261", Roll=0deg	H.Ang=18deg		
Optical				Ha...Class=SB	S09E16	Mac.=FKI	Carr.Lon.=341deg	H.Ang=17deg	
G0ES	04:18	04:27	04:29	Importance=C1	Qual=02	FePeak.c/s=27	#Peaks=1	dt=11.3s	XEN=411805
BCS	04:19	04:21	04:22	CaPeak.c/s=27	Qual=3	Rast=180"x180"	Step=10"	Cad=332s	1.024s/pixel
FCS	04:19	04:19		Peak3...c/s=29					
Event # = 20542									
84/04/27,05:28	DOY=118	Peak	End times	SMM Pointing:	S12E16	Pitch=+126", Yaw=+258", Roll=0deg	H.Ang=18deg		
Optical				Ha...Class=SN	S08E15	Mac.=FKI	Carr.Lon.=342deg	H.Ang=15deg	
G0ES	05:20	05:28	05:32	Importance=C2	Qual=01	FePeak.c/s=15	#Peaks=1	XEN=411807	
BCS	05:04	05:22	05:33	CaPeak.c/s=31	Qual=1	Rast=300"x300"	Step=10"	Cad=922s	1.024s/pixel
FCS	05:05	05:05		Peak3...c/s=42					
Event # = 6978									
84/04/27,05:41	DOY=118	Peak	End times	SMM Pointing:	S12E16	Pitch=+126", Yaw=+258", Roll=0deg	H.Ang=18deg		
Optical				Ha...Class=SB	S10E24	Mac.=FKI	Carr.Lon.=333deg	H.Ang=24deg	
G0ES	05:32	05:41	05:46	Importance=M2	Qual=01	MaxkeV=172	Flags=M5,FS		
HXRBS*	05:37:56	05:39:48	05:43:30	Peak...c/s=2624	Qual=01	Tot Cts=1.59E+5	#Peaks=2	dt=11.3s	XEN=411811
BCS	05:34	05:40	05:55	CaPeak.c/s=701	Qual=1	FePeak.c/s=219	Step=10"	Cad=332s	1.024s/pixel
FCS	05:39	05:39		Peak3...c/s=105		Rast=180"x180"	Step=10"		
Radio	Type/Intensity:	111/2	V/1						
Radio	Frequency(MHz)/Flux(sfu):	245/17000	410/4400	606/190	1415/130	2695/150	4995/83	8800/90	
Associated Event # = 6977									
HXRBS*	05:33:42	05:35:08	05:37:23	Peak...c/s=553	Qual=01	Tot Cts=14566	MaxkeV=150		

Event # = 6976									
84/04/27,07:28	DOY=118	Start	End times	SMM Pointing:	S12E14		Pitch=+125", Yaw=+230", Roll=0deg	H.Ang=16deg	
Optical				Ha...Class=SF	S11E25		Mac.=FKI	Carr. Lon.=331deg	H.Ang=26deg
GOES	07:25	07:28	07:58	Importance=C1	Qual=03		MaxkeV=48	#Peaks=1	dt=11.3s
HXRBS*	07:26:56	07:28:37	07:30:11	Peak...c/s=88	Qual=01		Rast=180"x180"	Cad= 332s	XEN=411814
BCS	07:26	07:31	07:31	CaPeak.c/s=40	Qual= 3		Rast=240"x240"	Step=3"	1.024s/pixel
FCS				Peak3...c/s=57					
UVSP	06:49			Wavelength=3090A	Code=00				
Radio	Frequency(MHz)/Flux(sfu):			606/210 1415/10 2695/26					
Event # = 6979									
84/04/27,14:11	DOY=118	Start	End times	SMM Pointing:	S12E11		Pitch=+129", Yaw=+173", Roll=0deg	H.Ang=13deg	
Optical				Ha...Class=1B	S14E16		Mac.=FKI	Carr. Lon.=336deg	H.Ang=18deg
GOES	13:49	14:11	14:29	Importance=M2	Qual=05		MaxkeV=48	Flags=SN	
HXRBS*	14:23:37	14:27:35	14:33:15	Peak...c/s=86	Qual=02		Rast=250"x250"	Step=10"	Pitch=+63", Yaw=+169"
UVSP	14:26			Wavelength=1539A					
Radio	Frequency(MHz)/Flux(sfu):			606/21 1415/170 2695/89 4995/180 8800/140 15400/210					
Event # = 6980									
84/04/27,17:09	DOY=118	Start	End times	SMM Pointing:	S12E09		Pitch=+130", Yaw=+145", Roll=0deg	H.Ang=12deg	
Optical				Ha...Class=2N	S14E16		Mac.=FKI	Carr. Lon.=334deg	H.Ang=18deg
GOES	16:49	17:09	17:22	Importance=M1	Qual=02		MaxkeV=48	Flags=EN	
HXRBS*	16:48:36	16:53:23	16:58:51	Peak...c/s=102	Qual=03		Rast=300"x300"	#Peaks=1	XEN=411815
BCS	16:43	16:58	16:58	CaPeak.c/s=392	Qual= 3		Rast=250"x250"	Cad= 922s	1.024s/pixel
FCS				Peak3...c/s=306				Step=10"	Pitch=+63", Yaw=+145"
UVSP	16:40			Wavelength=1539A	Code=01				
Event # = 20541									
84/04/27,19:05	DOY=118	Start	End times	SMM Pointing:	S12E09		Pitch=+129", Yaw=+143", Roll=0deg	H.Ang=12deg	
Optical				Importance=M1	Qual=05		FePeak.c/s=6	#Peaks=2	XEN=411816
GOES	18:40	19:05	19:40	CaPeak.c/s=37	Qual= 5		Rast=300"x300"	Step=10"	Cad= 922s
BCS	19:07	19:07	19:53	Peak3...c/s=164			Rast=250"x250"	Step=10"	Pitch=+63", Yaw=+117"
FCS				Wavelength=1539A	Code=02				
UVSP	19:09								
Event # = 6981									
84/04/27,20:45	DOY=118	Start	End times	SMM Pointing:	S12E07		Pitch=+125", Yaw=+118", Roll=0deg	H.Ang=10deg	
Optical				Importance=C1	Qual=04		MaxkeV=48		
GOES	20:40	20:45	20:50	Peak...c/s=64	Qual=01		Rast=250"x250"	Step=10"	Pitch=+63", Yaw=+117"
HXRBS*	20:45:59	20:46:06	20:46:22	Wavelength=1539A	Code=00				
UVSP	20:44			III/2					
Radio	Sweeps	Type/Intensity:							
HXRBS*	20:49:14	20:50:01	20:50:58	Peak...c/s=57	Associated Event # = 6982		MaxkeV=48		
Event # = 6983									
84/04/27,22:28	DOY=118	Start	End times	SMM Pointing:	S12E06		Pitch=+126", Yaw=+93", Roll=0deg	H.Ang=9deg	
Optical				Ha...Class=SF	S12W08		Mac.=FKI	Carr. Lon.=355deg	H.Ang=11deg
GOES	22:20	22:28	22:31	Importance=C1	Qual=01		MaxkeV=150		
HXRBS*	22:24:24	22:24:52	22:25:12	Peak...c/s=103	Qual=01		Rast=250"x250"	Step=10"	Pitch=+63", Yaw=+89"
UVSP	22:18			Wavelength=1539A	Code=00				

----- Associated Event # = 6984 ----- HXRBs* 22:25:43 22:26:38 22:27:20 Peak...c/s=75 Qual=01 MaxkeV=150									
84/04/28 DOY=119									
Event # = 6985	84/04/28, 04:45	DOY=119	Peak	SMM Pointing:		S12E02	Pitch=+129", Yaw=+30", Roll=0deg		
Optical	Start	End times		Ha...Class=S8	S14W06	AR4474	Mac.=FKI	Carr.Lon.=350deg	H.Ang=8deg
G0ES	04:39	04:45	04:47	Importance=C3	Qual=01		MaxkeV=219		H.Ang=11deg
HXRBS*	04:37:17	04:42:05	04:48:02	Peak...c/s=1128	Qual=01	Tot Cts=24035	Rast=250"x250"	Step=10"	Pitch=+63", Yaw=+33"
UVSP	04:35			Wavelength=1539A	Code=00	Exp #=16983			
Radio	Sweeps	Type/Intensity:		V/2					
Radio	Frequency (MHz)/Flux(sfu):			245/160 410/10 606/20 1415/13 2695/29 4995/47 8800/76 15400/40					
Event # = 6986	84/04/28, 06:31	DOY=119	Peak	SMM Pointing:		S12E02	Pitch=+128", Yaw=+32", Roll=0deg		
Optical	Start	End times		Ha...Class=SF	S13W12	AR4474	Mac.=FKI	Carr.Lon.=355deg	H.Ang=15deg
G0ES	06:29	06:31	06:34	Importance=C4	Qual=01		MaxkeV=67		
HXRBS*	06:28:47	06:31:37	06:32:29	Peak...c/s=120	Qual=01	Tot Cts=3470	Rast=250"x250"	Step=10"	Pitch=+63", Yaw=+33"
UVSP	06:31			Wavelength=1539A	Code=02	Exp #=16984			
Radio	Sweeps	Type/Intensity:		III/2					
Event # = 6987	84/04/28, 07:05	DOY=119	Peak	SMM Pointing:		S12E02	Pitch=+126", Yaw=+37", Roll=0deg		
Optical	Start	End times		Ha...Class=SF	S08E08	AR4474	Mac.=FKI	Carr.Lon.=335deg	H.Ang=9deg
G0ES	06:57	07:05	07:12	Importance=C2	Qual=03		MaxkeV=48		
HXRBS*	06:57:32	06:58:39	07:00:02	Peak...c/s=62	Qual=01	Exp #=16984	Rast=250"x250"	Step=10"	Pitch=+63", Yaw=+33"
UVSP	06:31			Wavelength=1539A	Code=00				
Event # = 6988	84/04/28, 15:02	DOY=119	Peak	SMM Pointing:		S12W03	Pitch=+128", Yaw=-54", Roll=0deg		
Optical	Start	End times		Ha...Class=SF	S16W14	AR4474	Mac.=FKI	Carr.Lon.=352deg	H.Ang=18deg
G0ES	14:59	15:02	15:05	Importance=C1	Qual=02		MaxkeV=48		
HXRBS*	14:59:34	14:59:50	15:00:27	Peak...c/s=65	Qual=01	Exp #=16990	Rast=250"x250"	Step=10"	Pitch=+63", Yaw=-52"
UVSP	14:39			Wavelength=1539A	Code=00				
Event # = 20543	84/04/28, 20:23	DOY=119	Peak	SMM Pointing:		S15W06	Pitch=+176", Yaw=-103", Roll=0deg		
Optical	Start	End times		Ha...Class=2B	S12W01	AR4474	Mac.=FKI	Carr.Lon.=336deg	H.Ang=8deg
G0ES	20:15	20:23	20:33	Importance=C5	Qual=04		FePeak.c/s=38	#Peaks=1	XEN=411900
BCS	20:19	20:22	20:49	CaPeak.c/s=196	Qual=4	FePeak=20:21	Rast=420"x420"	Step=10"	Cad=1806s 1.024s/pixel
FCS		20:32		Peak3...c/s=42			Rast=250"x250"	Step=10"	Pitch=+112", Yaw=-104"
UVSP	20:20			Wavelength=1539A	Code=00	Exp #=16996	4995/150 8800/160 15400/110		
Radio	Frequency (MHz)/Flux(sfu):			245/140 410/100 606/290 1415/110 2695/320					
Event # = 6989	84/04/28, 21:00	DOY=119	Peak	SMM Pointing:		S15W06	Pitch=+176", Yaw=-103", Roll=0deg		
Optical	Start	End times		Ha...Class=SN	S14W17	AR4474	Mac.=FKI	Carr.Lon.=352deg	H.Ang=19deg
G0ES	20:55	21:00	21:10	Importance=C2	Qual=01		MaxkeV=48		
HXRBS*	20:56:35	20:56:50	20:58:17	Peak...c/s=85	Qual=01	FePeak=21:01	FePeak.c/s=8	#Peaks=1	XEN=411905
BCS	20:57	21:01	21:06	CaPeak.c/s=24	Qual=1	Exp #=16996	Rast=250"x250"	Step=10"	Pitch=+112", Yaw=-104"
UVSP	20:20			Wavelength=1539A	Code=00				

Event # = 6990	84/04/28, 21:55	DOY=119	Start	End times	SMM Pointing:	S15W07	Pitch=+178", Yaw=-107", Roll=0deg	H.Ang=13deg
GOES	21:45	21:55	22:00	Importance=C1	Qual=04			
HXRBS*	21:55:01	21:55:50	21:56:27	Peak...c/s=438	Qual=01			
BCS	21:55	21:58	21:58	CaPeak.c/s=21	Qual=1			
FCS	21:57			Peak3...c/s=79				
UVSP	21:56			Wavelength=1539A	Code=02			
Radio	Frequency (MHz)/Flux(sfu):	15400/64						
Event # = 6991	84/04/28, 22:01	DOY=119	Start	End times	SMM Pointing:	S15W07	Pitch=+178", Yaw=-107", Roll=0deg	H.Ang=13deg
GOES	21:56	22:00:39	22:01:22	Peak...c/s=94	Qual=00			
HXRBS*	21:56			Wavelength=1539A	Qual=01			
UVSP								
Event # = 6992	84/04/28, 22:05	DOY=119	Start	End times	SMM Pointing:	S15W07	Pitch=+178", Yaw=-107", Roll=0deg	H.Ang=13deg
GOES	22:04:20	22:05:00	22:07:40	Peak...c/s=81	Qual=00			
HXRBS*	21:56			Wavelength=1539A	Qual=01			
UVSP								
Event # = 6993	84/04/29, 00:14	DOY=120	Start	End times	SMM Pointing:	S15W08	Pitch=+178", Yaw=-134", Roll=0deg	H.Ang=14deg
Optical								
GOES	00:11	00:14	00:16	Ha...Class=SF	S14W24			
HXRBS*	00:13:14	00:14:34	00:15:38	Importance=C1	Qual=01			
UVSP	23:29			Peak...c/s=82	Qual=01			
Radio	Type/Intensity:							
Sweeps	Frequency (MHz)/Flux(sfu):	2695/16	4995/34	8800/41	15400/37			
Radio	Frequency (MHz)/Flux(sfu):	2695/20	4995/38	Associated Event # = 7865	Qual=01			
HXRBS	00:09:43	00:10:18	00:11:27	Peak...c/s=69				
Radio	Frequency (MHz)/Flux(sfu):	2695/20	4995/38	Total Cts=1186				
Event # = 7952	84/04/29, 00:26	DOY=120	Start	End times	SMM Pointing:	S15W08	Pitch=+178", Yaw=-134", Roll=0deg	H.Ang=14deg
GOES	00:24	00:26	00:27	Importance=C1	Qual=01			
HXRBS	00:26:01	00:26:09	00:26:52	Peak...c/s=146	Qual=01			
UVSP	23:29			Wavelength=1539A	Code=00			
Radio	Frequency (MHz)/Flux(sfu):	2695/20	4995/38	Total Cts=616				
Event # = 6995	84/04/29, 02:45	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
GOES	02:36	02:45	02:50	Importance=C4	Qual=01			
HXRBS*	02:44:53	02:45:05	02:45:24	Peak...c/s=506	Qual=01			
BCS	02:43	02:50	02:55	CaPeak.c/s=341	Qual=4			
FCS	02:53			Peak3...c/s=49				
UVSP	02:39			Wavelength=1539A	Code=00			
Radio	Frequency (MHz)/Flux(sfu):	15400/52						
Event # = 6994	84/04/29, 02:43:05	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
HXRBS*	02:43:12	02:43:12	02:43:27	Peak...c/s=73	Qual=01			
UVSP								
Radio								
Event # = 6995	84/04/29, 02:45	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
GOES	02:36	02:45	02:50	Importance=C4	Qual=01			
HXRBS*	02:44:53	02:45:05	02:45:24	Peak...c/s=506	Qual=01			
BCS	02:43	02:50	02:55	CaPeak.c/s=341	Qual=4			
FCS	02:53			Peak3...c/s=49				
UVSP	02:39			Wavelength=1539A	Code=00			
Radio	Frequency (MHz)/Flux(sfu):	15400/52						
Event # = 6994	84/04/29, 02:43:05	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
HXRBS*	02:43:12	02:43:12	02:43:27	Peak...c/s=73	Qual=01			
UVSP								
Radio								
Event # = 6995	84/04/29, 02:45	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
GOES	02:36	02:45	02:50	Importance=C4	Qual=01			
HXRBS*	02:44:53	02:45:05	02:45:24	Peak...c/s=506	Qual=01			
BCS	02:43	02:50	02:55	CaPeak.c/s=341	Qual=4			
FCS	02:53			Peak3...c/s=49				
UVSP	02:39			Wavelength=1539A	Code=00			
Radio	Frequency (MHz)/Flux(sfu):	15400/52						
Event # = 6994	84/04/29, 02:43:05	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
HXRBS*	02:43:12	02:43:12	02:43:27	Peak...c/s=73	Qual=01			
UVSP								
Radio								
Event # = 6995	84/04/29, 02:45	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
GOES	02:36	02:45	02:50	Importance=C4	Qual=01			
HXRBS*	02:44:53	02:45:05	02:45:24	Peak...c/s=506	Qual=01			
BCS	02:43	02:50	02:55	CaPeak.c/s=341	Qual=4			
FCS	02:53			Peak3...c/s=49				
UVSP	02:39			Wavelength=1539A	Code=00			
Radio	Frequency (MHz)/Flux(sfu):	15400/52						
Event # = 6994	84/04/29, 02:43:05	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
HXRBS*	02:43:12	02:43:12	02:43:27	Peak...c/s=73	Qual=01			
UVSP								
Radio								
Event # = 6995	84/04/29, 02:45	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
GOES	02:36	02:45	02:50	Importance=C4	Qual=01			
HXRBS*	02:44:53	02:45:05	02:45:24	Peak...c/s=506	Qual=01			
BCS	02:43	02:50	02:55	CaPeak.c/s=341	Qual=4			
FCS	02:53			Peak3...c/s=49				
UVSP	02:39			Wavelength=1539A	Code=00			
Radio	Frequency (MHz)/Flux(sfu):	15400/52						
Event # = 6994	84/04/29, 02:43:05	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
HXRBS*	02:43:12	02:43:12	02:43:27	Peak...c/s=73	Qual=01			
UVSP								
Radio								
Event # = 6995	84/04/29, 02:45	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
GOES	02:36	02:45	02:50	Importance=C4	Qual=01			
HXRBS*	02:44:53	02:45:05	02:45:24	Peak...c/s=506	Qual=01			
BCS	02:43	02:50	02:55	CaPeak.c/s=341	Qual=4			
FCS	02:53			Peak3...c/s=49				
UVSP	02:39			Wavelength=1539A	Code=00			
Radio	Frequency (MHz)/Flux(sfu):	15400/52						
Event # = 6994	84/04/29, 02:43:05	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
HXRBS*	02:43:12	02:43:12	02:43:27	Peak...c/s=73	Qual=01			
UVSP								
Radio								
Event # = 6995	84/04/29, 02:45	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
GOES	02:36	02:45	02:50	Importance=C4	Qual=01			
HXRBS*	02:44:53	02:45:05	02:45:24	Peak...c/s=506	Qual=01			
BCS	02:43	02:50	02:55	CaPeak.c/s=341	Qual=4			
FCS	02:53			Peak3...c/s=49				
UVSP	02:39			Wavelength=1539A	Code=00			
Radio	Frequency (MHz)/Flux(sfu):	15400/52						
Event # = 6994	84/04/29, 02:43:05	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
HXRBS*	02:43:12	02:43:12	02:43:27	Peak...c/s=73	Qual=01			
UVSP								
Radio								
Event # = 6995	84/04/29, 02:45	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
GOES	02:36	02:45	02:50	Importance=C4	Qual=01			
HXRBS*	02:44:53	02:45:05	02:45:24	Peak...c/s=506	Qual=01			
BCS	02:43	02:50	02:55	CaPeak.c/s=341	Qual=4			
FCS	02:53			Peak3...c/s=49				
UVSP	02:39			Wavelength=1539A	Code=00			
Radio	Frequency (MHz)/Flux(sfu):	15400/52						
Event # = 6994	84/04/29, 02:43:05	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
HXRBS*	02:43:12	02:43:12	02:43:27	Peak...c/s=73	Qual=01			
UVSP								
Radio								
Event # = 6995	84/04/29, 02:45	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
GOES	02:36	02:45	02:50	Importance=C4	Qual=01			
HXRBS*	02:44:53	02:45:05	02:45:24	Peak...c/s=506	Qual=01			
BCS	02:43	02:50	02:55	CaPeak.c/s=341	Qual=4			
FCS	02:53			Peak3...c/s=49				
UVSP	02:39			Wavelength=1539A	Code=00			
Radio	Frequency (MHz)/Flux(sfu):	15400/52						
Event # = 6994	84/04/29, 02:43:05	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
HXRBS*	02:43:12	02:43:12	02:43:27	Peak...c/s=73	Qual=01			
UVSP								
Radio								
Event # = 6995	84/04/29, 02:45	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
GOES	02:36	02:45	02:50	Importance=C4	Qual=01			
HXRBS*	02:44:53	02:45:05	02:45:24	Peak...c/s=506	Qual=01			
BCS	02:43	02:50	02:55	CaPeak.c/s=341	Qual=4			
FCS	02:53			Peak3...c/s=49				
UVSP	02:39			Wavelength=1539A	Code=00			
Radio	Frequency (MHz)/Flux(sfu):	15400/52						
Event # = 6994	84/04/29, 02:43:05	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
HXRBS*	02:43:12	02:43:12	02:43:27	Peak...c/s=73	Qual=01			
UVSP								
Radio								
Event # = 6995	84/04/29, 02:45	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
GOES	02:36	02:45	02:50	Importance=C4	Qual=01			
HXRBS*	02:44:53	02:45:05	02:45:24	Peak...c/s=506	Qual=01			
BCS	02:43	02:50	02:55	CaPeak.c/s=341	Qual=4			
FCS	02:53			Peak3...c/s=49				
UVSP	02:39			Wavelength=1539A	Code=00			
Radio	Frequency (MHz)/Flux(sfu):	15400/52						
Event # = 6994	84/04/29, 02:43:05	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
HXRBS*	02:43:12	02:43:12	02:43:27	Peak...c/s=73	Qual=01			
UVSP								
Radio								
Event # = 6995	84/04/29, 02:45	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
GOES	02:36	02:45	02:50	Importance=C4	Qual=01			
HXRBS*	02:44:53	02:45:05	02:45:24	Peak...c/s=506	Qual=01			
BCS	02:43	02:50	02:55	CaPeak.c/s=341	Qual=4			
FCS	02:53			Peak3...c/s=49				
UVSP	02:39			Wavelength=1539A	Code=00			
Radio	Frequency (MHz)/Flux(sfu):	15400/52						
Event # = 6994	84/04/29, 02:43:05	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
HXRBS*	02:43:12	02:43:12	02:43:27	Peak...c/s=73	Qual=01			
UVSP								
Radio								
Event # = 6995	84/04/29, 02:45	DOY=120	Start	End times	SMM Pointing:	S15W10	Pitch=+176", Yaw=-158", Roll=0deg	H.Ang=14deg
GOES	02:36	02:45	02:50	Importance=C4	Qual=01			
HXRBS*	02:44:53	02:45:05	02:45:24	Peak...c/s=506	Qual=01			
BCS	02:43	02:50	02:55	CaPeak.c/s=341	Qual=4			
FCS	02:53			Peak3...c/s=49				
UVSP	02:39			Wavelength				



Event #	Start	End times	SMM Pointing:	DOY=120 Peak	Importance=C1	Peak...c/s=1161 Wavelength=1539A	Qual=00 Qual=01	Tot Cts=21606 Exp #=17000	MaxkeV=108 Rast=250"x250"	Pitch=+176", Yaw=-158", Roll=0deg	H. Ang=14deg
Event # = 6996											
Associated											
Qual=01											
Tot Cts=2747											
Event # = 6997											
Associated											
Qual=01											
Tot Cts=21606											
Exp #=17000											
MaxkeV=48											
MaxkeV=48											
Event # = 6998											
84/04/29, 02:49	Start	End times	SMM Pointing:	DOY=120	Importance=C1	Peak...c/s=1161	Qual=00				
GOES				Peak		Wavelength=1539A	Qual=01				
HXRBS*	02:49:20	02:49:46		04:12							
UVSP	02:39	04:14		04:12:21							
Event # = 6999											
84/04/29, 04:12	Start	End times	SMM Pointing:	DOY=120	Importance=C1	Peak...c/s=120	Qual=04				
GOES				Peak		Wavelength=1539A	Qual=01				
HXRBS*	04:11:36	04:12:21		04:12							
UVSP	04:14	04:14		04:12:21							
Event # = 7000											
84/04/29, 04:35	Start	End times	SMM Pointing:	DOY=120	Importance=C1	Peak...c/s=101	Qual=01				
GOES				Peak		Wavelength=1539A	Qual=01				
HXRBS*	04:30:26	04:30:33		04:35							
UVSP	04:14	04:14		04:30:33							
Event # = 7001											
84/04/29, 04:34:11	Start	End times	SMM Pointing:	DOY=120	Importance=C1	Peak...c/s=68	Qual=01				
GOES				Peak		Wavelength=1539A	Qual=01				
HXRBS*	04:47:59	04:48:09		04:34:22							
UVSP	04:14	04:14		04:34:22							
Event # = 7002											
84/04/29, 04:48	Start	End times	SMM Pointing:	DOY=120	Importance=C1	Peak...c/s=77	Qual=00				
GOES				Peak		Wavelength=1539A	Qual=01				
HXRBS*	04:47:59	04:48:09		04:48:27							
UVSP	04:14	04:14		04:48:27							
Event # = 7003											
84/04/29, 04:51	Start	End times	SMM Pointing:	DOY=120	Importance=C1	Peak...c/s=396	Qual=00				
GOES				Peak		Wavelength=1539A	Qual=01				
HXRBS*	04:51:45	04:51:55		04:51:55							
UVSP	04:14	04:14		04:51:55							
Event # = 7005											
84/04/29, 06:44	Start	End times	SMM Pointing:	DOY=120	Importance=C1	Peak...c/s=81	Qual=00				
GOES				Peak		Wavelength=1539A	Qual=01				

Event # = 7004									
84/04/29, 07:12	Start	DOY=120	Peak	End times	SMM Pointing:	S15W11	Pitch=+176", Yaw=-182", Roll=0deg	H. Ang=15deg	
Optical					Ha...Class=1N				
GOES	06:10	07:12	08:41		Importance=M1				
HXRBS*	06:04:19	06:05:53	06:06:23		Peak...c/s=190	Qual=05			
BCS	07:43	07:44	08:20		CaPeak.c/s=213	Qual=01			
FCS		08:03			Peak3...c/s=584	Qual=5			
UVSP	07:41				Wave length=1539A				
Radio	Frequency (MHz)/Flux(sfu):	606/130	1415/31	2695/42	4995/56	8800/54	15400/18		
Event # = 7006									
84/04/29, 07:49	Start	DOY=120	Peak	End times	SMM Pointing:	S15W11	Pitch=+176", Yaw=-182", Roll=0deg	H. Ang=15deg	
Optical					Ha...Class=1N				
GOES					Importance=M1				
HXRBS*	07:49:09	07:49:40	07:50:08		Peak...c/s=69	Qual=00			
UVSP	07:41				Wave length=1539A	Qual=01			
Event # = 8297									
84/04/29, 11:28	Start	DOY=120	Peak	End times	SMM Pointing:	S15W14	Pitch=+180", Yaw=-216", Roll=0deg	H. Ang=17deg	
Optical					Ha...Class=SN				
GOES	11:25	11:28	11:31		Importance=C1	Qual=01			
HXRBS	11:26:55	11:28:32	11:31:07		Peak...c/s=65	Qual=03			
UVSP	10:59				Wave length=1539A	Code=00			
Event # = 7007									
84/04/29, 14:35	Start	DOY=120	Peak	End times	SMM Pointing:	S15W15	Pitch=+178", Yaw=-240", Roll=0deg	H. Ang=18deg	
Optical					Ha...Class=SB				
GOES	14:31	14:35	14:41		Importance=M1	Qual=03			
HXRBS*	14:32:34	14:33:34	14:36:20		Peak...c/s=1200	Qual=01			
UVSP	14:10				Wave length=3090A	Code=00			
Radio	Type/Intensity:	V/I							
Radio	Frequency (MHz)/Flux(sfu):	245/95	2695/32	4995/150	8800/91	15400/25			
Event # = 8298									
84/04/29, 17:36	Start	DOY=120	Peak	End times	SMM Pointing:	S04W00	Pitch=-2", Yaw=+0", Roll=0deg	H. Ang=0deg	
Optical					Ha...Class=SN				
GOES	17:34	17:36	17:40		Importance=C2	Qual=01			
HXRBS	17:36:54	17:37:03	17:37:14		Peak...c/s=668	Qual=01			
UVSP	17:23				Wave length=1524A	Code=00			
Event # = 8299									
84/04/29, 18:27	Start	DOY=120	Peak	End times	SMM Pointing:	S15W18	Pitch=+181", Yaw=-289", Roll=0deg	H. Ang=21deg	
Optical					Ha...Class=SN				
GOES	18:24	18:27	18:46		Importance=C2	Qual=01			
HXRBS	18:26:23	18:26:30	18:27:33		Peak...c/s=1552	Qual=01			
BCS	18:22	18:27	18:48		CaPeak.c/s=47	Qual=1			
FCS		18:22			Peak3...c/s=70				
UVSP	18:24				Wave length=1539A	Code=00			
Radio	Frequency (MHz)/Flux(sfu):	410/190	8800/26						

Event # = 8300	DOY=120	SMM Pointing:	S15W18	Pitch=+181", Yaw=-289", Roll=0deg	H.Ang=21deg
84/04/29, 18:55	Peak	End times			
Optical					
GOES 18:51	18:55	19:10	Ha...Class=SN	Mac.=FKI	H.Ang=23deg
GOES 18:52:41	18:52:59	18:54:24	Importance=C3		
GOES 18:55	18:55	19:16	Peak...c/s=300		
BCS 18:49	18:49		CaPeak.c/s=110		
FCS 18:24	18:49		Peak3...c/s=33		
UVSP 18:24	18:49		WaveLength=1539A		
Radio Sweeps			Code=00		
Radio Frequency (MHz)/Flux(sfu):			111/3		
			8800/30 15400/44		
Event # = 7008	DOY=120	SMM Pointing:	S15W18	Pitch=+181", Yaw=-289", Roll=0deg	H.Ang=21deg
84/04/29, 20:54	Peak	End times			
GOES					
HXRBS* 20:54:19	20:54:27	20:54:39	Peak...c/s=57		
UVSP 19:59			WaveLength=1539A		
Event # = 8301	DOY=120	SMM Pointing:	S15W20	Pitch=+181", Yaw=-320", Roll=0deg	H.Ang=23deg
84/04/29, 21:38	Peak	End times			
GOES					
HXRBS 21:36:36	21:38:02	21:43:01	Peak...c/s=616		
UVSP 21:33			WaveLength=1539A		
Event # = 8302	DOY=120	SMM Pointing:	S15W20	Pitch=+180", Yaw=-317", Roll=0deg	H.Ang=22deg
84/04/29, 23:22	Peak	End times			
Optical					
GOES 23:11	23:22	23:50	Ha...Class=SB		
GOES 23:12:19	23:18:40	23:21:50	Importance=C3		
GOES 23:07	23:18:40	23:21:50	Peak...c/s=126		
UVSP 23:07			WaveLength=1539A		
HXRBS 23:47:15	23:51:31	00:05:53	Code=00		
			Associated		
			Event # = 8303		
			Qual=03		
			Peak...c/s=55		
Event # = 7009	DOY=120	SMM Pointing:	S15W20	Pitch=+180", Yaw=-317", Roll=0deg	H.Ang=22deg
84/04/29, 23:58	Peak	End times			
GOES					
HXRBS* 23:57:29	23:58:24	23:58:54	Peak...c/s=62		
UVSP 23:07			WaveLength=1539A		
Event # = 7010	DOY=121	SMM Pointing:	S15W22	Pitch=+184", Yaw=-349", Roll=0deg	H.Ang=24deg
84/04/30, 00:45	Peak	End times			
Optical					
GOES 00:00	00:45	00:57	Ha...Class=SB		
GOES 00:43:26	00:44:33	00:45:28	Importance=C3		
GOES 00:40	00:40	00:52	Peak...c/s=76		
BCS 00:40	00:40	00:52	CaPeak.c/s=48		
FCS 00:42	00:48		Peak3...c/s=150		
UVSP 00:42			WaveLength=1539A		
Radio Frequency (MHz)/Flux(sfu):			245/65		
Event # = 8300	DOY=121	SMM Pointing:	S15W18	Pitch=+181", Yaw=-289", Roll=0deg	H.Ang=21deg
84/04/29, 18:55	Peak	End times			
Optical					
GOES 18:51	18:55	19:10	Ha...Class=SN		
GOES 18:52:41	18:52:59	18:54:24	Importance=C3		
GOES 18:55	18:55	19:16	Peak...c/s=300		
BCS 18:49	18:49		CaPeak.c/s=110		
FCS 18:24	18:49		Peak3...c/s=33		
UVSP 18:24	18:49		WaveLength=1539A		
Radio Sweeps			Code=00		
Radio Frequency (MHz)/Flux(sfu):			111/3		
			8800/30 15400/44		
Event # = 7008	DOY=121	SMM Pointing:	S15W22	Pitch=+184", Yaw=-349", Roll=0deg	H.Ang=24deg
84/04/30, 00:45	Peak	End times			
Optical					
GOES 00:00	00:45	00:57	Ha...Class=SB		
GOES 00:43:26	00:44:33	00:45:28	Importance=C3		
GOES 00:40	00:40	00:52	Peak...c/s=76		
BCS 00:40	00:40	00:52	CaPeak.c/s=48		
FCS 00:42	00:48		Peak3...c/s=150		
UVSP 00:42			WaveLength=1539A		
Radio Frequency (MHz)/Flux(sfu):			245/65		

Event # = 7011									
84/04/30,02:27		DOY=121	Peak	SMM Pointing:		S15W22	Pitch=+184", Yaw=-349", Roll=0deg		H.Ang=24deg
GOES				End times		Qual=00			
HXRBS* 02:27:26		02:27:36	02:28:58			Peak...c/s=76	MaxkeV=48		
UVSP 02:16						Wavelength=1539A	Rast=250"x250" Step=10" Pitch=+119", Yaw=-346"		
Event # = 7013									
84/04/30,06:03		DOY=121	Peak	SMM Pointing:		S15W24	Pitch=+183", Yaw=-371", Roll=0deg		H.Ang=26deg
Optical				End times			Mac.=FKI Carr.Lon.=351deg H.Ang=35deg		
GOES 05:41		06:03	06:21			Ha...Class=1B			
HXRBS* 05:55:54		05:57:08	05:57:28			Importance=M1	AR4474		
BCS 05:43		05:57	06:23			Peak...c/s=72	MaxkeV=48		
FCS		05:44				CaPeak.c/s=320	#Peaks=1 dt= 3.8s XEN=412101		
UVSP 05:42						Peak3...c/s=183	Rast=300"x300" Cad= 922s 1.024s/pixel		
Radio		Frequency (MHz)/Flux(sfu):				8800/22	Rast=250"x250" Step=10" Pitch=+119", Yaw=-372"		
Event # = 7012									
HXRBS* 05:47:06		05:47:25	05:49:27			Associated Event # = 7012	MaxkeV=48		
Event # = 8304									
84/04/30,06:31		DOY=121	Peak	SMM Pointing:		S15W24	Pitch=+183", Yaw=-371", Roll=0deg		H.Ang=26deg
Optical				End times			Mac.=FKI Carr.Lon.=343deg H.Ang=27deg		
GOES 06:21		06:31	06:44			Ha...Class=SB	MaxkeV=48		
HXRBS 06:18:39		06:22:30	06:23:13			Importance=M1	Flags=I		
UVSP 07:15						Peak...c/s=73	Step=10" Pitch=+120", Yaw=-398"		
Event # = 7014									
84/04/30,10:54		DOY=121	Peak	SMM Pointing:		S15W27	Pitch=+184", Yaw=-418", Roll=0deg		H.Ang=29deg
Optical				End times			Mac.=FKI		
GOES 10:51		10:54	10:59			Qual=01	MaxkeV=48		
HXRBS* 10:51:14		10:51:37	10:52:56			Qual=01	#Peaks=1 dt= 3.8s XEN=412102		
BCS 10:52		10:53	10:56			Qual= 1	Cad= 922s 1.024s/pixel		
FCS		10:52				Peak3...c/s=30	Step=10" Pitch=+121", Yaw=-423"		
UVSP 10:34						Code=00	Rast=250"x250" Step=10"		
Event # = 20546									
84/04/30,12:02		DOY=121	Peak	SMM Pointing:		S15W27	Pitch=+183", Yaw=-417", Roll=0deg		H.Ang=29deg
Optical				End times			Mac.=FKI Carr.Lon.=345deg H.Ang=31deg		
GOES 11:32		12:02	12:27			S11W31	FePeak.c/s=37 #Peaks=1 dt= 3.8s XEN=412105		
BCS 11:41		12:13	12:40			Qual=05	Rast=300"x300" Cad= 922s 1.024s/pixel		
FCS		12:21				Qual= 5	Step=10" Pitch=+121", Yaw=-423"		
UVSP 12:08						FePeak=12:14	Rast=250"x250" Step=10"		
Radio		Frequency (MHz)/Flux(sfu):				Exp #=17023	Rast=250"x250" Step=10"		
						1415/130 4995/150 8800/110 15400/83			
Event # = 7015									
84/04/30,15:45		DOY=121	Peak	SMM Pointing:		S15W29	Pitch=+183", Yaw=-441", Roll=0deg		H.Ang=30deg
Optical				End times			Mac.=FKI Carr.Lon.=355deg H.Ang=44deg		
GOES 15:41		15:45	15:50			S13W44	MaxkeV=67		
HXRBS* 15:42:40		15:44:05	15:44:24			Qual=03	Rast=285"x285" Step=15" Pitch=+122", Yaw=-447"		
UVSP 15:26						Qual=01			

Event # = 7016 84/04/30,20:18 Start DOY=121 Peak 20:18 20:18:31 20:19:26 End times SMM Pointing: S15W32 Qual=01 Importance=B7 Peak...c/s=117 Wavelength=1539A Code=00 Tot Cts=1691 Exp #=17040 Pitch=+188",Yaw=-483",Roll=0deg H.Ang=33deg	
G0ES 20:16 20:18:06 HXRBS* UVSP 19:35	
Event # = 7017 84/04/30,21:10 Start DOY=121 Peak 21:10 21:09:36 21:11:16 End times SMM Pointing: S15W33 S17W46 Qual=04 Importance=C1 Peak...c/s=193 Wavelength=1539A Code=01 Tot Cts=2558 Exp #=17041 Pitch=+189",Yaw=-507",Roll=0deg H.Ang=35deg Mac.=FKI Carr.Lon.=355deg H.Ang=47deg MaxkeV=67 Rast=250"x250" Step=10" Pitch=+133",Yaw=-514"	
Optical G0ES 21:07 21:09:03 HXRBS* UVSP 21:59	
Event # = 7018 84/04/30,21:58 Start DOY=121 Peak 21:58 21:47:09 21:47:39 End times SMM Pointing: S15W33 S18W48 Qual=01 Importance=C1 Peak...c/s=64 Wavelength=1539A Code=02 Tot Cts=355 Exp #=17041 Pitch=+189",Yaw=-507",Roll=0deg H.Ang=35deg Mac.=FKI Carr.Lon.=356deg H.Ang=49deg MaxkeV=48 Rast=250"x250" Step=10" Pitch=+133",Yaw=-514"	
Radio Sweeps Type/Intensity: V/2	
Event # = 7019 84/04/30,22:50 Start DOY=121 Peak 22:50 22:53:15 22:58:01 End times SMM Pointing: S15W33 S14W45 Qual=05 Importance=C1 Peak...c/s=115 Wavelength=1539A Code=00 Tot Cts=10686 Exp #=17042 Pitch=+188",Yaw=-504",Roll=0deg H.Ang=34deg Mac.=FKI Carr.Lon.=353deg H.Ang=45deg MaxkeV=150 Rast=250"x250" Step=10" Pitch=+133",Yaw=-514"	
Optical G0ES 22:38 22:49:42 HXRBS* UVSP 22:44	
Event # = 7022 84/05/01,00:30 Start DOY=122 Peak 00:29:15 00:30:22 00:31:31 End times SMM Pointing: S15W35 Qual=00 Peak...c/s=89 Wavelength=1539A Code=00 Tot Cts=1010 Exp #=17043 Pitch=+189",Yaw=-527",Roll=0deg H.Ang=36deg MaxkeV=48 Rast=250"x250" Step=10" Pitch=+133",Yaw=-537"	
G0ES 00:29:15 00:30:22 HXRBS* UVSP 00:20	
Event # = 7023 84/05/01,00:46 Start DOY=122 Peak 00:45:49 00:46:44 00:47:51 End times SMM Pointing: S15W35 Qual=00 Peak...c/s=124 Wavelength=1539A Code=01 Tot Cts=3238 Exp #=17043 Pitch=+189",Yaw=-527",Roll=0deg H.Ang=36deg MaxkeV=48 Rast=250"x250" Step=10" Pitch=+133",Yaw=-537"	
G0ES 00:45:49 00:46:44 HXRBS* UVSP 00:20	

Event # = 7024									
84/05/01,01:34	DOY=122	Peak	End times	SMM Pointing:	S15W35		Pitch=+189", Yaw=-527", Roll=0deg	H. Ang=36deg	
Optical				Ha...Class=2B	S14W32	AR4474	Mac.=FKI	Carr. Lon.=338deg	H. Ang=33deg
GOES 00:18	01:34	01:55		Importance=M4	Qual=01		MaxkeV=108		
HXRBS* 01:02:50	01:12:46	01:16:52		Peak...c/s=208	Qual=01	Tot Cts=48594	FePeak.c/s=73	#Peaks=3	XEN=412203
BCS 00:28	01:52	04:24		CaPeak.c/s=727	Qual=1	FePeak=01:52	Rast=180"x180"	Step=10"	Cad= 332s
FCS	01:58			Peak3...c/s=1076		Exp #=17044	Rast=250"x250"	Step=10"	Pitch=+133", Yaw=-537"
UVSP	01:54			Wavelength=1539A					
Radio	Frequency (MHz)/Flux(sfu):			245/31 410/240 606/280 1415/65 2695/200					
HXRBS* 00:19:49	00:22:05	00:22:47		Peak...c/s=76	Qual=01	Tot Cts=928	MaxkeV=48		
UVSP 00:20				Wavelength=1539A		Exp #=17043	Rast=250"x250"	Step=10"	Pitch=+133", Yaw=-537"
HXRBS* 00:23:28	00:24:02	00:24:46		Peak...c/s=65	Qual=01	Tot Cts=616	MaxkeV=48		
UVSP 00:20				Wavelength=1539A		Exp #=17043	Rast=250"x250"	Step=10"	Pitch=+133", Yaw=-537"
Event # = 20547									
84/05/01,05:10	DOY=122	Peak	End times	SMM Pointing:	S15W36		Pitch=+189", Yaw=-547", Roll=0deg	H. Ang=37deg	
Optical				Ha...Class=SB	S13W47	AR4474	Mac.=FKI	Carr. Lon.=351deg	H. Ang=47deg
GOES 05:04	05:10	05:14		Importance=C6	Qual=05		FePeak.c/s=17	#Peaks=1	XEN=412204
BCS 05:14	05:14	05:42		CaPeak.c/s=83	Qual=5	FePeak=05:14	Rast=250"x250"	Step=10"	Pitch=+134", Yaw=-560"
FCS	05:23			Peak3...c/s=127		Exp #=17046			
UVSP 05:13				Wavelength=1539A	Code=02				
Event # = 20548									
84/05/01,10:16	DOY=122	Peak	End times	SMM Pointing:	S15W40		Pitch=+192", Yaw=-589", Roll=0deg	H. Ang=41deg	
Optical				Ha...Class=SF	S08W40	AR4474	Mac.=FKI	Carr. Lon.=341deg	H. Ang=40deg
GOES 10:13	10:16	10:22		Importance=C1	Qual=01		FePeak.c/s=7	#Peaks=1	dt= 3.8s
BCS 10:16	10:18	10:21		CaPeak.c/s=24	Qual=1	FePeak=10:18	Rast=250"x250"	Step=10"	Pitch=+137", Yaw=-603"
FCS	10:17			Peak3...c/s=54		Exp #=17049			
UVSP 10:05				Wavelength=1539A	Code=00				
Event # = 7025									
84/05/01,18:01	DOY=122	Peak	End times	SMM Pointing:	N79W00		Pitch=-947", Yaw=+0", Roll=0deg	H. Ang=83deg	
Optical				Ha...Class=SF	S11W41	AR4474	Mac.=FKI	Carr. Lon.=338deg	H. Ang=41deg
GOES 17:58	18:01	18:04		Importance=C1	Qual=01		MaxkeV=88		
HXRBS* 18:00:26	18:00:54	18:01:20		Peak...c/s=203	Qual=01	Tot Cts=1735	Rast=60"x240"	Step=3"	Pitch=-1007", Yaw=-12"
UVSP 17:58				Wavelength=3090A	Code=01	Exp #=17057			
Event # = 7026									
84/05/01,19:49	DOY=122	Peak	End times	SMM Pointing:	S15W45		Pitch=+200", Yaw=+652", Roll=0deg	H. Ang=46deg	
GOES 19:46	19:49	19:52		Importance=C1	Qual=01		MaxkeV=48		
HXRBS* 19:47:51	19:48:05	19:48:23		Peak...c/s=61	Qual=01	Tot Cts=174	Rast=285"x285"	Step=15"	Pitch=+136", Yaw=-657"
UVSP 19:34				Wavelength=1524A	Code=00	Exp #=17060			

Event # = 20549	84/05/01, 20:40	DOY=122	Start	End times	SMM Pointing:	S15W45	AR4474	Pitch=+200", Yaw=-652", Roll=0deg	H. Ang=46deg
Optical	20:08	20:40	20:55	Importance=C2	Qual=05			Mac.=FKI	
GOES	20:45	20:46	21:01	CaPeak.c/s=51	Qual=5		FePeak=20:45	FePeak.c/s=10 #Peaks=1	XEN=412201
BCS	20:45	20:46	20:49	Peak3..c/s=231				Rast=180"x180" Step=10"	Cad= 332s 1.024s/pixel
FCS	20:48	20:49		WaveLength=1524A	Code=02		Exp #=17061	Rast=285"x285" Step=15"	Pitch=+136", Yaw=-657"
UVSP	20:48	20:49		III/2					
Radio Sweeps				Type/Intensity:					
84/05/02 DOY=123									
Event # = 20550	84/05/02, 03:47	DOY=123	Start	End times	SMM Pointing:	S15W49	AR4474	Pitch=+205", Yaw=-699", Roll=0deg	H. Ang=50deg
Optical	03:43	03:47	03:51	Ha...Class=SN	S15W56			Mac.=FKI	
GOES	03:46	03:47	03:48	Importance=C1	Qual=01			Carr. Lon.=348deg	H. Ang=56deg
BCS	03:46	03:46		CaPeak.c/s=23	Qual=1		FePeak=03:46	FePeak.c/s=7 #Peaks=1	XEN=412301
UVSP	03:05	03:05		WaveLength=1524A	Code=00		Exp #=17065	Rast=285"x285" Step=15"	Pitch=+139", Yaw=-696"
84/05/02, 12:15 DOY=123									
Event # = 20551	84/05/02, 12:15	DOY=123	Start	End times	SMM Pointing:	S15W54	AR4474	Pitch=+207", Yaw=-747", Roll=0deg	H. Ang=54deg
Optical	11:42	12:15	12:37	Ha...Class=SN	S13W55			Mac.=FKI	
GOES	11:47	12:31	13:02	Importance=C3	Qual=02			Carr. Lon.=342deg	H. Ang=55deg
BCS	11:47	12:31		CaPeak.c/s=49	Qual=7		FePeak=11:54	FePeak.c/s=11 #Peaks=1	XEN=412302
FCS	12:34	12:34		Peak3..c/s=199			Exp #=17071	Rast=0"x0" Step=0"	Cad=3840s 3840s/pixel
UVSP	12:33	12:33		WaveLength=1524A				Rast=250"x250" Step=10"	Pitch=+151", Yaw=-755"
84/05/02, 15:03 DOY=123									
Event # = 20642	84/05/02, 15:03	DOY=123	Start	End times	SMM Pointing:	S15W56	AR4474	Pitch=+211", Yaw=-766", Roll=0deg	H. Ang=56deg
Optical	14:02	15:03	15:34	Ha...Class=SF	S11W54			Mac.=FKI	
GOES	14:05	15:02	15:03	Importance=C2	Qual=04			Carr. Lon.=339deg	H. Ang=54deg
BCS	14:05	15:02		CaPeak.c/s=70	Qual=2		FePeak=15:02	FePeak.c/s=11 #Peaks=1	XEN=412320
FCS	14:52	14:52		Peak3..c/s=146			Exp #=17074	Rast=250"x250" Step=10"	Pitch=+153", Yaw=-771"
UVSP	14:38	14:52		WaveLength=1524A	Code=00				
Radio Sweeps				III/1 V/1					
84/05/02, 16:19 DOY=123									
Event # = 7027	84/05/02, 16:19	DOY=123	Start	End times	SMM Pointing:	S15W56	AR4474	Pitch=+212", Yaw=-767", Roll=0deg	H. Ang=57deg
Optical	16:05	16:19	16:44	Ha...Class=SB	S14W54			Mac.=FKI	
GOES	16:12	16:17	17:28	Importance=C7	Qual=04			Carr. Lon.=339deg	H. Ang=54deg
HXRBS*	16:12	16:17		Peak...c/s=97	Qual=01		Tot Cts=2775	MaxVel=48	
BCS	16:12	16:17		CaPeak.c/s=418	Qual=4		FePeak=16:15	FePeak.c/s=120 #Peaks=1	XEN=412300
FCS	16:12	16:18		Peak3..c/s=306			Exp #=17076	Rast=180"x180" Step=10"	Cad= 332s 1.024s/pixel
UVSP	16:12	16:18		WaveLength=1524A	Code=00			Rast=250"x250" Step=10"	Pitch=+153", Yaw=-771"
Radio	Frequency (MHz)/Flux(sfu):	245/34	410/53	606/160	1415/30	2695/21	4995/21	8800/15	

Event # = 20552									
84/05/02, 18:33	Start	DOY=123	Peak	SMM Pointing:		S15W58	Pitch=+213", Yaw=-783", Roll=0deg		
Optical				End times			Mac.=FKI	Carr. Lon.=327deg	H. Ang=58deg
GOES	18:30	18:33		18:53		S16W43	AR4474		H. Ang=44deg
BCS	18:48	18:49		18:57		Qual=05			
FCS	18:54	18:54				Qual=5	FePeak=18:49	#Peaks=1	XEN=412314
UVSP	18:50					Peak3...c/s=104		Step=10"	Cad= 332s
Radio	Sweeps					Wavelength=1524A	Exp #=17078	Step=10"	1.024s/pixel
				Type/Intensity:		V/1			Pitch=+155", Yaw=-786"
Event # = 7028									
84/05/02, 19:27	Start	DOY=123	Peak	SMM Pointing:		S15W58	Pitch=+214", Yaw=-782", Roll=0deg		
Optical				End times			Mac.=FKI	Carr. Lon.=341deg	H. Ang=58deg
GOES	19:12	19:27		19:56		S11W58	AR4474		
HXRBS*	19:13:13	19:20:28		19:47:07		Qual=01			
BCS	19:12	19:25		21:21		Peak...c/s=2457			
FCS	19:30	19:30				Qual=03	Tot Cts=8.06E+5	Flags=M,EN	XEN=412316
UVSP	18:50					Qual=1	FePeak=19:20	#Peaks=2	dt= 7.7s
Radio	Frequency(MHz)/Flux(sfu):	245/560	410/120	606/310	1415/68	2695/110	4995/240	8800/860	15400/660
Event # = 7029									
84/05/02, 22:40	Start	DOY=123	Peak	SMM Pointing:		S15W60	Pitch=+216", Yaw=-796", Roll=0deg		
Optical				End times			Mac.=FKI	Carr. Lon.=340deg	H. Ang=59deg
GOES	22:00	22:40		23:40		S13W59	AR4474		
HXRBS*	22:41:49	22:42:20		22:42:30		Qual=01			
BCS	21:57	22:37		22:55		Qual=01	MaxkeV=67		
FCS	22:00	22:00				Qual=2	FePeak=21:57	#Peaks=1	XEN=412319
UVSP	21:59					Peak3...c/s=55			
Radio	Frequency(MHz)/Flux(sfu):	245/125				Code=00	Exp #=17080	Step=15"	Pitch=+149", Yaw=-793"
Event # = 7030									
84/05/02, 23:32	Start	DOY=123	Peak	SMM Pointing:		S15W59	Pitch=+213", Yaw=-789", Roll=0deg		
GOES				End times			MaxkeV=88		
HXRBS*	00:23:14	00:23:44		00:25:01		Qual=00			
BCS	23:31	23:32		00:30		Qual=01	FePeak=23:32	#Peaks=1	XEN=412318
FCS	23:45	23:45				Qual=5	Rast=180"x180"	Step=10"	Cad= 332s
UVSP	23:33					Peak3...c/s=197	Rast=285"x285"	Step=15"	Pitch=+151", Yaw=-808"
				Wavelength=1524A			Exp #=17081		
Event # = 7031									
84/05/03, 01:15	Start	DOY=124	Peak	SMM Pointing:		S15W61	Pitch=+215", Yaw=-803", Roll=0deg		
GOES				End times			MaxkeV=88		
HXRBS*	01:15:20	01:15:51		01:17:05		Qual=00			
UVSP	01:09					Qual=01	Rast=285"x285"	Step=15"	Pitch=+151", Yaw=-808"
				Wavelength=1524A			Exp #=17082		
Event # = 7032									
84/05/03, 01:41	Start	DOY=124	Peak	SMM Pointing:		S15W61	Pitch=+215", Yaw=-803", Roll=0deg		
GOES				End times			MaxkeV=48		
HXRBS*	01:41:51	01:41:58		01:42:11		Qual=00			
UVSP	01:09					Qual=01	Rast=285"x285"	Step=15"	Pitch=+151", Yaw=-808"
				Wavelength=1524A			Exp #=17082		



Event # = 7033				Pitch=+216", Yaw=-816", Roll=0deg				H. Ang=62deg			
84/05/03, 02:44				S15W62							
GOES				SMM Pointing:							
HXRBS*				D0Y=124							
UVSP				Peak							
02:42				End times							
02:44:24				Peak...c/s=76							
02:47:15				Wavelength=1524A							
Exp # = 17083											
MaxkeV=48											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											
Step=15"											
Pitch=+152", Yaw=-821"											
dt= 3.8s											
XEN=412411											
FePeak.c/s=86											
Rast=285"x285"											

84/05/04 DOY=125					
Event # = 8309	DOY=125	SMM Pointing:	End times	Pitch=+228", Yaw=-883", Roll=0deg	H. Ang=-73deg
Optical	Start				
G0ES	01:37	Ha...Class=SN	01:40	Mac.=DAO	H. Ang=-51deg
HXRBS	01:39:03	Importance=C1	01:39:16	MaxkeV=67	
UVSP	00:46	Peak...c/s=93		Rast=285"x285"	Pitch=+164", Yaw=-889"
		Wave length=1524A		Step=15"	
		Associated Event # = 8308		Flags=I	
HXRBS	01:36:55	Qual=01	01:37:38	MaxkeV=48	
		Peak...c/s=50		Flags=I	
<hr/>					
Event # = 7039	DOY=125	S15W77		Pitch=+232", Yaw=-898", Roll=0deg	H. Ang=77deg
Optical	Start				
G0ES	06:02	Ha...Class=SB	06:14	Mac.=DAO	H. Ang=48deg
HXRBS	06:05:13	Importance=C3	06:07:34	MaxkeV=150	H. Ang=71deg
BGS	06:05	CaPeak.c/s=736	06:22	FePeak.c/s=22	
FCS	06:06	Peak3..c/s=73		Flags=FS	XEN=412503
UVSP	05:35	Wave length=1524A		#Peaks=1	
Radio	Frequency(MHz)/Flux(sfu):	Code=00 Exp #=17103		Rast=250"x250"	Pitch=+174", Yaw=-909"
		1415/24 2695/58 4995/40 8800/30 15400/15		Step=10"	
<hr/>					
Event # = 7040	DOY=125	S15W81		Pitch=+236", Yaw=-910", Roll=0deg	H. Ang=81deg
Optical	Start				
G0ES	08:57	Importance=C1	09:03	MaxkeV=48	
HXRBS	08:57:52	Peak...c/s=85	09:00:27	FePeak.c/s=11	XEN=412500
BGS	08:59	CaPeak.c/s=20	09:01	Rast=180"x180"	Cad= 332s 1.024s/pixel
FCS	08:59	Peak3..c/s=55		Step=10"	Pitch=+176", Yaw=-915"
UVSP	08:52	Wave length=1524A		Step=10"	
		Code=00 Exp #=17105			
<hr/>					
Event # = 7041	DOY=125	S15W90		Pitch=+246", Yaw=-927", Roll=0deg	
Optical	Start				
G0ES	16:17	Importance=M1	16:59	MaxkeV=48	
HXRBS	16:49:11	Peak...c/s=63	16:51:57	Rast=250"x250"	Pitch=+188", Yaw=-931"
UVSP	16:30	Wave length=1524A		Step=10"	
Radio	Type/Intensity:	V/I			
Radio	Frequency(MHz)/Flux(sfu):	Code=LPS			
		245/43 410/320 606/63 1415/170 2695/84 4995/75 8800/64 15400/20			
		Associated Event # = 7042			
Optical	Start				
G0ES	17:09:04	Qual=00	17:11:10	Carr. Lon.=348deg	H. Ang=89deg
HXRBS	17:09:58	Peak...c/s=61		MaxkeV=48	
<hr/>					
Event # = 20643	DOY=125	S09W90		Pitch=+247", Yaw=-928", Roll=0deg	
Optical	Start				
G0ES	18:20	Code=LPS	19:07	Mac.=DAO	H. Ang=89deg
BGS	18:19	Importance=C4	19:00	Carr. Lon.=347deg	
FCS	18:42	CaPeak.c/s=45		FePeak.c/s=11	#Peaks=1 dt= 7.7s XEN=412509
UVSP	18:56	Peak3..c/s=220		Rast=250"x250"	Pitch=+188", Yaw=-931"
		Wave length=1524A		Step=10"	
		Code=00 Exp #=17112			



Event # = 7048	DOY=126	SMM Pointing:	End times	Pitch=+247" , Yaw=-927" , Roll=0deg
84/05/05, 04:21	Peak			
GOES	04:21:16	Peak...c/s=74	Qual=00	
HXRBS	04:21:32	Wavelength=1524A	Qual=01	
UVSP	03:37			MaxkeV=48
				Rast=285"x285" Step=15" Pitch=+181" , Yaw=-924"
Exp # = 17118				
Event # = 7049	DOY=126	SMM Pointing:	End times	Pitch=+243" , Yaw=-917" , Roll=0deg
84/05/05, 08:41	Peak			
GOES	08:41	Importance=C3	Qual=01	
HXRBS	08:42:07	Peak...c/s=73	Qual=01	
UVSP	08:43:31	Wavelength=1524A	Code=00	MaxkeV=48
				Rast=285"x285" Step=15" Pitch=+181" , Yaw=-924"
Exp # = 17121				
Event # = 7050	DOY=126	SMM Pointing:	End times	Pitch=+243" , Yaw=-917" , Roll=0deg
84/05/05, 08:50	Peak			
GOES	08:47	Importance=C4	Qual=01	
HXRBS	08:49:01	Peak...c/s=80	Qual=01	
UVSP	08:51:49	Wavelength=1524A	Code=00	MaxkeV=48
				Rast=285"x285" Step=15" Pitch=+181" , Yaw=-924"
Exp # = 17121				
Event # = 7052	DOY=126	SMM Pointing:	End times	Pitch=+243" , Yaw=-917" , Roll=0deg
84/05/05, 09:08	Peak			
GOES	09:01	Importance=C5	Qual=01	
HXRBS	09:05:04	Peak...c/s=84	Qual=01	
UVSP	08:28	Wavelength=1524A	Code=00	MaxkeV=48
				Rast=285"x285" Step=15" Pitch=+181" , Yaw=-924"
Exp # = 17121				
Event # = 7051	DOY=126	SMM Pointing:	End times	Pitch=+245" , Yaw=-923" , Roll=0deg
84/05/05, 12:07	Peak			
GOES	11:30	Importance=M7	Qual=04	
HXRBS	11:48:24	Peak...c/s=915	Qual=01	
UVSP	11:45	Wavelength=1524A	Code=00	MaxkeV=108
				Rast=285"x285" Step=15" Pitch=+181" , Yaw=-924"
Radio	Frequency(MHz)/Flux(sfu)	245/18 410/52 606/290 1415/700 2695/1700		4995/670 8800/460 15400/200
				Flags=I
HXRBS	13:42:57	Peak...c/s=59	Qual=01	
UVSP	13:21	Wavelength=1524A	Code=00	MaxkeV=48
				Rast=285"x285" Step=15" Pitch=+181" , Yaw=-924"
Exp # = 8311				
Event # = 8310	DOY=126	SMM Pointing:	End times	Pitch=+245" , Yaw=-923" , Roll=0deg
84/05/05, 12:07	Peak			
GOES	11:30	Importance=M7	Qual=04	
HXRBS	11:48:24	Peak...c/s=915	Qual=01	
UVSP	11:45	Wavelength=1524A	Code=00	MaxkeV=108
				Rast=285"x285" Step=15" Pitch=+181" , Yaw=-924"
Radio	Frequency(MHz)/Flux(sfu)	245/18 410/52 606/290 1415/700 2695/1700		4995/670 8800/460 15400/200
				Flags=I
HXRBS	13:42:57	Peak...c/s=59	Qual=01	
UVSP	13:21	Wavelength=1524A	Code=00	MaxkeV=48
				Rast=285"x285" Step=15" Pitch=+181" , Yaw=-924"
Exp # = 8311				
Event # = 20644	DOY=126	SMM Pointing:	End times	Pitch=+248" , Yaw=-927" , Roll=0deg
84/05/05, 14:45	Peak			
GOES	14:40	Importance=C4	Qual=03	
BCS	14:40	CaPeak.c/s=21	Qual=4	
UVSP	14:57	Wavelength=1524A	Code=00	FePeak=14:30
				Rast=285"x285" Step=15" Pitch=+181" , Yaw=-924"
Exp # = 17127				
Event # = 7054	DOY=126	SMM Pointing:	End times	Pitch=+248" , Yaw=-927" , Roll=0deg
84/05/05, 16:18	Peak			
GOES	16:12	Importance=C8	Qual=01	
HXRBS	16:16:02	Peak...c/s=1120	Qual=01	
UVSP	16:19:03	Wavelength=1524A	Code=00	MaxkeV=88
				Rast=30"x30" Step=0" Pitch=+203" , Yaw=-841"
Exp # = 17129				

----- Associated Event # = 7053 -----									
HXRBS	16:12:25	16:12:38	16:13:00	Peak...c/s=65	Qual=01	MaxkeV=48	-----		
Event # = 7055									
84/05/05	18:03	DOY=126	SMM Pointing:						
GOES	18:01	Peak	End times						
HXRBS	18:01:31	18:02:21	18:03:26	Importance=C2	Qual=01	Pitch=+248",Yaw=-927",Roll=0deg			
MaxkeV=48									
Event # = 7056									
84/05/05	18:27	DOY=126	SMM Pointing:						
Optical	18:08	18:27	18:49	Code=LPS	S11W90	Carr. Lon.=334deg	H.Ang=89deg		
GOES	18:08:24	18:14:43	18:38:04	Importance=M7	Qual=01	Flags=M,EN,FS			
HXRBS	18:08:24	18:14:43	18:38:04	Peak...c/s=17630	Qual=03	Tot Cts=6.61E+6	MaxkeV=401		
GRS	18:09:50	18:25:08	18:25:08	Max.E.MeV= 0.9	Qual= 1	FePeak.c/s=2255	#Peaks=1		
BCS	18:10	18:24	21:24	CaPeak.c/s=6018	Qual= 1	Rast=300"x300" Step=10"	Cad= 922s		
FCS	18:22	18:22	18:22	Peak3...c/s=1919	Qual=01		1.024s/pixel		
Radio Sweeps	Type/Intensity: 11/2 IV/2 V/1								
Radio Frequency	(MHz)/Flux(sfu): 245/1500 410/37 606/67 1415/100 2695/190 4995/200 8800/500 15400/1000								
Event # = 7057									
84/05/05	19:29	DOY=126	SMM Pointing:						
GOES	19:25	19:29	19:31	Importance=C9	Qual=01	Pitch=+248",Yaw=-926",Roll=0deg			
HXRBS	19:25:44	19:25:55	19:27:45	Peak...c/s=197	Qual=01	MaxkeV=67			
Tot Cts=9200									
Event # = 7058									
84/05/05	22:50	DOY=126	SMM Pointing:						
GOES	22:49:46	22:50:00	22:51:25	Peak...c/s=58	Qual=00	Pitch=-115",Yaw=+937",Roll=0deg	H.Ang=82deg		
HXRBS	22:49:46	22:50:00	22:51:25	Peak...c/s=58	Qual=01	MaxkeV=67			
Event # = 20558									
84/05/05	23:17	DOY=126	SMM Pointing:						
GOES	23:10	23:17	23:20	Importance=C2	Qual=01	Pitch=-115",Yaw=+937",Roll=0deg	H.Ang=82deg		
BCS	23:12	23:16	23:18	CaPeak.c/s=26	Qual= 1	FePeak.c/s=15	#Peaks=1 dt= 7.7s		
FCS	23:12	23:12	23:12	Peak3...c/s=57	Qual= 1	Rast=180"x180" Step=10"	Cad= 332s		
XEN=412616									
1.024s/pixel									
----- 84/05/06 DOY=127 -----									
Event # = 7059									
84/05/06	00:12	DOY=127	SMM Pointing:						
GOES	00:12:21	00:12:33	00:12:57	Peak...c/s=81	Qual=00	Pitch=-115",Yaw=+937",Roll=0deg	H.Ang=82deg		
HXRBS	00:12:21	00:12:33	00:12:57	Peak...c/s=81	Qual=01	MaxkeV=48			
Event # = 7060									
84/05/06	01:35	DOY=127	SMM Pointing:						
GOES	01:30	01:35	01:41	Importance=C5	Qual=05	Pitch=-213",Yaw=+927",Roll=0deg	H.Ang=87deg		
HXRBS	01:31:27	01:32:54	01:36:13	Peak...c/s=317	Qual=01	MaxkeV=67			
Tot Cts=15452									

Event # = 7061									
84/05/06, 01:46	Start	DOY=127	Peak	End times	SMM Pointing:	S13E88	Pitch=+206", Yaw=+929", Roll=0deg	H. Ang=87deg	
Optical					Ha...Class=SF				
GOES	01:42	01:46	01:53	01:53	Importance=C5	Qual=01	Mac.=EKO Carr. Lon.=157deg	H. Ang=83deg	
HXRBS	01:42:52	01:44:08	01:47:08	01:47:08	Peak...c/s=384	Qual=01			
BCS	01:43	01:45	01:53	01:53	CaPeak.c/s=168	Qual=1	MaxkeV=67 #Peaks=1 dt= 3.8s	XEN=412700	
FCS		01:43			Peak3...c/s=26		Rast=180"x300" Step=10" Cad= 553s	1.024s/pixel	
Event # = 7062									
84/05/06, 02:21	Start	DOY=127	Peak	End times	SMM Pointing:	S15W87	Pitch=+244", Yaw=-919", Roll=0deg	H. Ang=86deg	
GOES	02:17	02:21	02:24	02:24	Importance=C2	Qual=01			
HXRBS	02:18:51	02:19:12	02:19:38	02:19:38	Peak...c/s=125	Qual=01	MaxkeV=48		
Event # = 7063									
84/05/06, 05:03	Start	DOY=127	Peak	End times	SMM Pointing:	N07E85	Pitch=-117", Yaw=+942", Roll=0deg	H. Ang=85deg	
GOES	04:58	05:03	05:10	05:10	Importance=C2	Qual=01			
HXRBS	04:58:52	04:59:18	05:00:02	05:00:02	Peak...c/s=74	Qual=01	MaxkeV=48		
BCS	04:59	04:59	05:03	05:03	CaPeak.c/s=36	Qual=1	FePeak.c/s=10 #Peaks=2	XEN=412702	
FCS		04:59			Peak3...c/s=12		Rast=300"x300" Step=10" Cad= 922s	1.024s/pixel	
Event # = 20559									
84/05/06, 05:33	Start	DOY=127	Peak	End times	SMM Pointing:	N07E85	Pitch=-117", Yaw=+942", Roll=0deg	H. Ang=85deg	
GOES	05:28	05:33	05:40	05:40	Importance=C1	Qual=03	FePeak.c/s=10 #Peaks=1 dt= 7.7s	XEN=412704	
BCS	05:30	05:32	05:38	05:38	CaPeak.c/s=33	Qual=3	Rast=180"x180" Step=10" Cad= 332s	1.024s/pixel	
FCS		05:37			Peak3...c/s=369				
Event # = 7064									
84/05/06, 08:25	Start	DOY=127	Peak	End times	SMM Pointing:	N06E81	Pitch=-113", Yaw=+936", Roll=0deg	H. Ang=82deg	
Optical					Ha...Class=SB				
GOES	08:19	08:25	08:29	08:29	Importance=C3	Qual=01	Mac.=EKO Carr. Lon.=147deg	H. Ang=89deg	
HXRBS	08:21:52	08:22:23	08:26:18	08:26:18	Peak...c/s=369	Qual=01			
BCS	08:21	08:23	08:39	08:39	CaPeak.c/s=221	Qual=1	MaxkeV=48		
FCS		08:31			Peak3...c/s=400		FePeak.c/s=70 #Peaks=1	XEN=412705	
Radio					Frequency(MHz)/Flux(sfu): 245/15 8800/12		Rast=180"x180" Step=10" Cad= 332s	1.024s/pixel	
Event # = 20560									
84/05/06, 08:46	Start	DOY=127	Peak	End times	SMM Pointing:	N06E81	Pitch=-113", Yaw=+936", Roll=0deg	H. Ang=82deg	
Optical					Ha...Class=SN				
GOES	08:44	08:46	08:48	08:48	Importance=C1	Qual=03	Mac.=EKO Carr. Lon.=154deg	H. Ang=83deg	
BCS	08:45	08:46	08:47	08:47	CaPeak.c/s=26	Qual=3	FePeak.c/s=9 #Peaks=1 dt= 7.7s	XEN=412711	
FCS		08:45			Peak3...c/s=17		Rast=180"x180" Step=10" Cad= 332s	1.024s/pixel	
Event # = 20561									
84/05/06, 14:02	Start	DOY=127	Peak	End times	SMM Pointing:	N05E79	Pitch=-118", Yaw=+947", Roll=0deg	H. Ang=79deg	
Optical					Ha...Class=SF				
GOES	13:40	14:02	14:45	14:45	Importance=C1	Qual=04	Mac.=EKO Carr. Lon.=154deg	H. Ang=79deg	
BCS	14:07	14:08	15:05	15:05	CaPeak.c/s=34	Qual=4	FePeak.c/s=11 #Peaks=3	XEN=412730	
FCS		14:13			Peak3...c/s=275		Rast=180"x180" Step=10" Cad= 332s	1.024s/pixel	

Event # = 20562 84/05/06,15:23 Start GOES 15:17 BCS 15:43 FCS 15:44	DOY=127 Peak 15:23 15:43 15:44	End times 15:38 15:48	SMM Pointing: Importance=C3 CaPeak.c/s=35 Peak3..c/s=56	N07E85 Qual=05 Qual= 5	FePeak=15.43	Pitch=-116",Yaw=+943",Roll=0deg FePeak.c/s=9 Rast=0"x0" #Peaks=1 Step=0" Cad=3840s	H.Ang=86deg XEN=412716 3840s/pixel
Event # = 7065 84/05/06,16:25 Start Optical GOES 16:21 HXRBS 16:24:21 BCS 16:23 FCS 16:25	DOY=127 Peak 16:25 16:24:34 16:25 16:25	End times 16:27 16:26:21 16:28	SMM Pointing: Ha...Class=S8 Importance=C3 Peak...c/s=1652 CaPeak.c/s=202 Peak3..c/s=42 8800/33	N06E82 N08E89 Qual=01 Qual=01 Qual= 1	Tot Cts=13758 FePeak=16:25	Pitch=-114",Yaw=+937",Roll=0deg Mac.=EKO Carr.Lon.=143deg MaxkeV=219 Flags=FS #Peaks=1 dt= 3.8s FePeak.c/s=55 Rast=0"x0" Cad=3840s	H.Ang=82deg H.Ang=90deg XEN=412718 3840s/pixel
Event # = 7066 84/05/06,18:12 Start GOES 18:07 HXRBS 18:07:37 BCS 18:08 FCS 18:11 UVSP 18:52	DOY=127 Peak 18:12 18:08:03 18:11 18:11	End times 18:16 18:11:34 18:13	SMM Pointing: Importance=C1 Peak...c/s=299 CaPeak.c/s=26 Peak3..c/s=140 Wavelength=1524A 15400/22	N06E81 Qual=01 Qual=01 Qual= 3	Tot Cts=4491 FePeak=18:11 Exp #=17135	Pitch=-114",Yaw=+935",Roll=0deg MaxkeV=108 FePeak.c/s=9 Rast=180"x180" Step=10" Pitch=-172",Yaw=+947"	H.Ang=81deg XEN=412721 1.024s/pixel
Event # = 7067 84/05/06,19:05 Start Optical GOES 19:00 HXRBS 19:02:38 BCS 19:02 FCS 19:04 UVSP 18:52	DOY=127 Peak 19:05 19:04:05 19:04 19:04	End times 19:08 19:05:33 19:12	SMM Pointing: Ha...Class=SN Importance=C3 Peak...c/s=589 CaPeak.c/s=232 Peak3..c/s=412 Wavelength=1524A 8800/23 15400/49	N06E82 N05E78 Qual=01 Qual=01 Qual= 1 Code=00	Tot Cts=19390 FePeak=19:04 Exp #=17135 Event # = 7068 Tot Cts=230	Pitch=-112",Yaw=+937",Roll=0deg Mac.=EKO Carr.Lon.=152deg MaxkeV=150 FePeak.c/s=65 Rast=0"x0" Step=0" Pitch=-172",Yaw=+947"	H.Ang=82deg H.Ang=78deg XEN=412722 1.024s/pixel
Event # = 7069 84/05/06,19:36 Start GOES 19:36:16 HXRBS 19:36:21 UVSP 18:52	DOY=127 Peak 19:36:21 19:36:37 18:52	End times 19:36:37	SMM Pointing: Peak...c/s=118 Wavelength=1524A	N06E82 Qual=00 Qual=01	Tot Cts=261 Exp #=17135	Pitch=-112",Yaw=+937",Roll=0deg MaxkeV=48 Rast=250"x250" Step=10" Pitch=-172",Yaw=+947"	H.Ang=82deg
Event # = 7070 84/05/06,21:16 Start GOES 21:06 HXRBS 21:19:46 BCS 21:07 UVSP 20:26	DOY=127 Peak 21:16 21:19:59 21:15 21:17	End times 21:21 21:20:08 21:17	SMM Pointing: Importance=C1 Peak...c/s=70 CaPeak.c/s=15 Wavelength=1524A	N06E82 Qual=01 Qual=01 Qual= 1 Code=00	Tot Cts=113 FePeak=21:07 Exp #=17136	Pitch=-112",Yaw=+938",Roll=0deg MaxkeV=48 FePeak.c/s=15 Rast=250"x250" Step=10" Pitch=-172",Yaw=+947"	H.Ang=83deg XEN=412724 1.024s/pixel

Event # = 20563									
84/05/06	22:08	DOY=127							
	Start	Peak							
G0ES	22:06	22:08	SMM Pointing:	N07E88					
BCS	22:06	22:08	Importance=C1	Qual=01					
FCS	22:06	22:08	CaPeak.c/s=25	Qual=1					
UVSP	22:00	22:07	Peak3..c/s=17	FePeak=22:08					
			Wavelength=1524A	Code=00	Exp #=17137				
Pitch=-118", Yaw=+945", Roll=0deg H.Ang=89deg									
FePeak.c/s=12 #Peaks=2 dt= 7.7s XEN=412729									
Rast=420"x420" Step=10" Cad=1806s 1.024s/pixel									
Rast=250"x250" Step=10" Pitch=-172", Yaw=+947"									
Event # = 20564									
84/05/07	00:05	DOY=128							
	Start	Peak							
G0ES	00:03	00:05	SMM Pointing:	N07E83					
BCS	00:03	00:05	Importance=C1	Qual=01					
UVSP	23:35	00:05	CaPeak.c/s=29	Qual=1					
			Wavelength=1524A	Code=00	FePeak=00:05				
Pitch=-115", Yaw=+939", Roll=0deg H.Ang=83deg									
FePeak.c/s=6 #Peaks=3 dt= 7.7s XEN=412800									
Rast=250"x250" Step=10" Pitch=-172", Yaw=+947"									
Event # = 7071									
84/05/07	01:22	DOY=128							
	Start	Peak							
G0ES	01:19	01:22	SMM Pointing:	N06E82					
HXRBS	01:20:39	01:20:56	Importance=C1	Qual=01					
BCS	01:21	01:23	Peak...c/s=306	Qual=01					
FCS	01:21	01:23	CaPeak.c/s=29	Qual=1					
UVSP	01:09	01:23	Peak3..c/s=109	Tot Cts=3106					
Radio			Wave length=1524A	FePeak=01:21					
			Frequency(MHz)/Flux(sfu): 8800/32 15400/45	Exp #=17139					
Pitch=-114", Yaw=+937", Roll=0deg H.Ang=82deg									
MaxkeV=108									
FePeak.c/s=11 #Peaks=1									
Rast=300"x300" Step=10" Cad= 922s XEN=412803									
Rast=250"x250" Step=10" Pitch=-172", Yaw=+947"									
Event # = 20565									
84/05/07	02:02	DOY=128							
	Start	Peak							
G0ES	02:00	02:02	SMM Pointing:	N06E82					
BCS	02:01	02:01	Importance=C1	Qual=01					
FCS	02:01	02:02	CaPeak.c/s=21	Qual=1					
UVSP	01:09	02:02	Peak3..c/s=22	FePeak=02:01					
			Wavelength=1524A	Code=00	Exp #=17139				
Pitch=-114", Yaw=+937", Roll=0deg H.Ang=82deg									
FePeak.c/s=12 #Peaks=1									
Rast=180"x180" Step=10" Cad= 332s XEN=412804									
Rast=250"x250" Step=10" Pitch=-172", Yaw=+947"									
Event # = 7072									
84/05/07	03:18	DOY=128							
	Start	Peak							
G0ES	03:16	03:18	SMM Pointing:	S15W89					
HXRBS	03:16:59	03:17:25	Importance=C1	Qual=01					
UVSP	03:11	03:17	Peak...c/s=220	Qual=01					
			Wavelength=3090A	Code=00	Tot Cts=1907				
Pitch=+248", Yaw=-919", Roll=0deg H.Ang=88deg									
MaxkeV=88									
Rast=240"x240" Step=3" Pitch=+182", Yaw=-924"									
Event # = 7073									
84/05/07	04:33	DOY=128							
	Start	Peak							
Optical			SMM Pointing:	S15W89					
G0ES	04:24	04:33	Ha...Class=1N	N06E68					
HXRBS	04:27:15	04:28:51	Importance=C2	Qual=04					
UVSP	04:27	04:29	Peak...c/s=77	Qual=01					
			Wavelength=1526A	Code=00	Tot Cts=1725				
Pitch=+248", Yaw=-919", Roll=0deg H.Ang=88deg									
Mac.=FKI Carr.Lon.=157deg H.Ang=69deg									
MaxkeV=48									
Rast=250"x250" Step=10" Pitch=+182", Yaw=-924"									
Event # = 7074									
84/05/07	06:12	DOY=128							
	Start	Peak							
G0ES	06:11	06:12	SMM Pointing:	N07E85					
HXRBS	06:11:26	06:12:38	Importance=C1	Qual=01					
UVSP	06:01	06:12	Peak...c/s=76	Qual=01					
			Wavelength=1526A	Code=00	Tot Cts=578				
Pitch=-116", Yaw=+942", Roll=0deg H.Ang=85deg									
MaxkeV=48									
Rast=250"x250" Step=10" Pitch=-179", Yaw=+938"									



Event # = 7075 84/05/07, 06:25 Start GOES 06:22 HXRBs 06:23:25 UVSP 06:01	DOY=128 Peak 06:25 06:24:01 06:25:06	End times 06:28 06:25:06	SMM Pointing: Importance=C1 Peak...c/s=83 Wave length=1526A Code=00	N07E85 Qual=01 Qual=01 Tot Cts=888 Exp #=17144	Pitch=-116", Yaw=+942", Roll=0deg MaxkeV=48 Rast=250"x250" Step=10" Pitch=-179", Yaw=+938"	H.Ang=85deg
Event # = 20566 84/05/07, 07:44 Start GOES 07:36 BCS 07:43 FCS 07:44 UVSP 07:43	DOY=128 Peak 07:44 07:45 07:44	End times 07:50 07:50	SMM Pointing: Importance=C1 CaPeak.c/s=28 Peak3..c/s=156 Wave length=1526A Code=00	N07E83 Qual=05 Qual=5 FePeak=07:45 Exp #=17145	Pitch=-116", Yaw=+940", Roll=0deg FePeak.c/s=7 #Peaks=3 dt= 7.7s XEN=412805 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel Rast=250"x250" Step=10" Pitch=-179", Yaw=+938"	H.Ang=84deg
Event # = 20567 84/05/07, 09:15 Start GOES 09:06 BCS 09:21 FCS 09:22 UVSP 09:17	DOY=128 Peak 09:15 09:21 09:22	End times 09:24 09:27	SMM Pointing: Importance=C2 CaPeak.c/s=34 Peak3..c/s=396 Wave length=1526A Code=02	N06E82 Qual=05 Qual=5 FePeak=09:27 Exp #=17146	Pitch=-113", Yaw=+937", Roll=0deg FePeak.c/s=8 #Peaks=1 XEN=412808 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel Rast=250"x250" Step=10" Pitch=-179", Yaw=+938"	H.Ang=82deg
Event # = 20568 84/05/07, 12:37 Start GOES 12:35 BCS 12:37 FCS 12:37 UVSP 12:31	DOY=128 Peak 12:37 12:38 12:37	End times 12:40 12:42	SMM Pointing: Importance=C2 CaPeak.c/s=32 Peak3..c/s=38 Wave length=1526A Code=00	N06E81 Qual=05 Qual=5 FePeak=12:38 Exp #=17148	Pitch=-112", Yaw=+936", Roll=0deg FePeak.c/s=9 #Peaks=1 dt= 7.7s XEN=412810 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel Rast=250"x250" Step=10" Pitch=-179", Yaw=+938"	H.Ang=82deg
Event # = 20569 84/05/07, 13:27 Start Optical GOES 13:15 BCS 13:44 FCS 13:48 UVSP 14:06	DOY=128 Peak 13:27 13:44 13:48	End times 13:50 13:51	SMM Pointing: Ha...Class=SF Importance=C2 CaPeak.c/s=26 Peak3..c/s=83 Wave length=1526A Code=00	N06E81 N07E71 Qual=05 Qual=5 FePeak=13:44 Exp #=17149	Pitch=-112", Yaw=+936", Roll=0deg Mac.=FKI Carr.Lon.=149deg FePeak.c/s=7 #Peaks=1 XEN=412812 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel Rast=250"x250" Step=10" Pitch=-179", Yaw=+938"	H.Ang=82deg H.Ang=72deg
Event # = 7076 84/05/07, 14:38 Start Optical GOES 14:35 HXRBs 14:36:35 UVSP 14:06	DOY=128 Peak 14:38 14:36:56 14:06	End times 14:43 14:37:27	SMM Pointing: Ha...Class=SN Importance=C1 Peak...c/s=70 Wave length=1526A Code=00	N07E71 Qual=03 Qual=01 Tot Cts=357 Exp #=17149	Pitch=-115", Yaw=+947", Roll=0deg Mac.=FKI Carr.Lon.=149deg MaxkeV=48 Rast=250"x250" Step=10" Pitch=-179", Yaw=+938"	H.Ang=72deg
Event # = 7077 84/05/07, 15:26 Start GOES 15:22 HXRBs 15:20:47 UVSP 15:20	DOY=128 Peak 15:26 15:21:43 15:20	End times 15:28 15:22:55	SMM Pointing: Importance=C1 Peak...c/s=91 Wave length=1526A Code=00	S03W00 Qual=01 Qual=01 Tot Cts=1097 Exp #=17150	Pitch=-2", Yaw=-2", Roll=0deg MaxkeV=67 Rast=250"x250" Step=10" Pitch=-64", Yaw=-5"	H.Ang=0deg

84/05/08 DOY=129									
Event # = 7078									
84/05/08,07:50		DOY=129	SMM Pointing:		N07E61	Pitch=-141",Yaw=+829",Roll=0deg		H.Ang=62deg	
GOES 07:47		Peak 07:50	End times 07:53		Qual=01				
HXRBS 07:48:59		07:49:23	07:50:31		Qual=02	Flags=SN			
					Tot Cts=542	MaxkeV=48			
Event # = 7082									
84/05/08,12:31		DOY=129	SMM Pointing:		N07E59	Pitch=-146",Yaw=+808",Roll=0deg		H.Ang=60deg	
GOES 12:28		Peak 12:31	End times 12:33		Qual=01				
HXRBS 12:29:09		12:29:41	12:29:56		Qual=01	MaxkeV=48			
Radio Frequency(MHz)/Flux(sfu):			15400/21		Tot Cts=584				
Event # = 7083									
84/05/08,14:56		DOY=129	SMM Pointing:		N07E57	Pitch=-143",Yaw=+793",Roll=0deg		H.Ang=58deg	
GOES 14:52		Peak 14:56	End times 14:58		Qual=04				
HXRBS 14:56:03		14:56:25	14:57:51		Qual=01	MaxkeV=67			
					Tot Cts=2538				
84/05/09 DOY=130									
Event # = 7084									
84/05/09,00:48		DOY=130	SMM Pointing:		N07E52	Pitch=-148",Yaw=+748",Roll=0deg		H.Ang=53deg	
Optical			End times		AR4481	Mac.=FKI			
GOES 00:44		00:48	00:51		Qual=01				
HXRBS 00:46:54		00:47:04	00:47:50		Qual=01	MaxkeV=48			
BCS 00:47		00:47	00:49		Qual= 1	FePeak=00:47		XEN=413000	
FCS						Rast=0"x0"		3840s/pixel	
Event # = 7085									
84/05/09,05:33		DOY=130	SMM Pointing:		N07E49	Pitch=-148",Yaw=+717",Roll=0deg		H.Ang=50deg	
GOES 05:33:37		Peak 05:33:59	End times 05:34:14		Qual=00				
HXRBS 05:33:37		05:33:59	05:34:14		Qual=01	MaxkeV=48			
UVSP					Tot Cts=426	Pitch=-132",Yaw=+631"			
Event # = 20570									
84/05/09,06:55		DOY=130	SMM Pointing:		N07E50	Pitch=-152",Yaw=+722",Roll=0deg		H.Ang=51deg	
GOES 06:40		Peak 06:55	End times 07:03		Qual=05				
BCS 06:53		06:55	07:03		Qual= 5	FePeak=06:55		dt= 7.7s XEN=413001	
UVSP						FePeak.c/s=6 #Peaks=1		Pitch=-207",Yaw=+706"	
Event # = 7086									
84/05/09,08:40		DOY=130	SMM Pointing:		N07E47	Pitch=-152",Yaw=+695",Roll=0deg		H.Ang=48deg	
GOES 08:34		Peak 08:40	End times 08:45		Qual=01				
HXRBS 08:38:11		08:38:53	08:40:26		Qual=01	MaxkeV=48			
BCS 08:38		08:39	08:42		Tot Cts=135	FePeak.c/s=10 #Peaks=1		XEN=413005	



Event # = 7091		84/05/10		DOY=131	
84/05/10,02:20	Start	DOY=131	Peak	SMM Pointing:	
Optical	End times				
G0ES 01:05	02:20	03:10		Ha...Class=1F	
HXRBS 01:48:56	01:49:33	01:49:56		Importance=C4	
UVSP				Peak...c/s=73	
-----					
HXRBS 02:06:53	02:07:50	02:08:16		Associated Event # = 7092	
UVSP				Qual=01	Tot Cts=369
-----					
Pitch=-1", Yaw=-3", Roll=0deg					
Carr.Lon.=119deg					
H.Ang=0deg					
H.Ang=70deg					
MaxkeV=48					
Pitch=+63", Yaw=+18"					
MaxkeV=48					
Pitch=+63", Yaw=+18"					
-----					
Event # = 7093					
84/05/10,03:23	Start	DOY=131	Peak	SMM Pointing:	
Optical	End times				
G0ES 03:18	03:23	03:32		Ha...Class=SN	
HXRBS 03:19:08	03:19:48	03:21:53		Importance=C4	
BCS 03:19	03:22	03:35		Peak...c/s=270	
FCS	03:29			CaPeak.c/s=95	
Radio	Frequency(MHz)/Flux(sfu):	2695/39	4995/37	8800/110	15400/110
-----					
Pitch=-157", Yaw=+569", Roll=0deg					
Mac.=FKI					
Carr.Lon.=147deg					
H.Ang=38deg					
H.Ang=40deg					
MaxkeV=88					
FePeak.c/s=19					
#Peaks=1					
dt= 3.8s					
XEN=413100					
Rast=420"x420"					
Cad=1806s					
1.024s/pixel					
-----					
Event # = 20573					
84/05/10,04:00	Start	DOY=131	Peak	SMM Pointing:	
Optical	End times				
G0ES 03:58	04:00	04:03		Ha...Class=SF	
BCS 03:58	04:00	04:05		Importance=C3	
FCS	04:00			CaPeak.c/s=38	
Radio	Frequency(MHz)/Flux(sfu):	8800/19	15400/19		
-----					
Pitch=-157", Yaw=+569", Roll=0deg					
Mac.=CSO					
Carr.Lon.=147deg					
H.Ang=38deg					
H.Ang=40deg					
FePeak.c/s=11					
#Peaks=1					
dt= 7.7s					
XEN=413102					
Rast=0"x0"					
Cad=3840s					
3840s/pixel					
-----					
Event # = 7094					
84/05/10,06:42	Start	DOY=131	Peak	SMM Pointing:	
Optical	End times				
G0ES 06:33	06:42	06:48		Ha...Class=SN	
HXRBS 06:40:41	06:41:43	06:42:17		Importance=C1	
UVSP 06:34				Peak...c/s=74	
Radio	Frequency(MHz)/Flux(sfu):	8800/17		Wavelength=1524A	
-----					
Pitch=-160", Yaw=+549", Roll=0deg					
Mac.=FKI					
Carr.Lon.=147deg					
H.Ang=37deg					
H.Ang=38deg					
MaxkeV=48					
Rast=250"x250"					
Step=10"					
Pitch=-216", Yaw=+549"					
-----					
Event # = 20574					
84/05/10,09:45	Start	DOY=131	Peak	SMM Pointing:	
Optical	End times				
G0ES 09:42	09:45	09:47		Ha...Class=SF	
BCS 09:44	09:44	09:45		Importance=C1	
UVSP 09:40				CaPeak.c/s=29	
Radio	Frequency(MHz)/Flux(sfu):	8800/17		Wavelength=1524A	
-----					
Pitch=-159", Yaw=+516", Roll=0deg					
Mac.=CSO					
Carr.Lon.=153deg					
H.Ang=35deg					
H.Ang=31deg					
FePeak.c/s=8					
#Peaks=1					
XEN=413103					
Rast=250"x250"					
Step=10"					
Pitch=-218", Yaw=+525"					
-----					
Event # = 7097					
84/05/10,10:01	Start	DOY=131	Peak	SMM Pointing:	
Optical	End times				
G0ES 09:56	10:01	10:04		Importance=C1	
HXRBS 09:57:41	09:58:11	09:58:32		Peak...c/s=68	
UVSP 09:40				Wavelength=1524A	
Radio	Frequency(MHz)/Flux(sfu):	8800/13			
-----					
Pitch=-159", Yaw=+516", Roll=0deg					
MaxkeV=48					
Rast=250"x250"					
Step=10"					
Pitch=-218", Yaw=+525"					

Event # = 20575 84/05/10,10:27	DOY=131 Peak	End times	SMM Pointing:	N07E33	AR4481	Pitch=-159", Yaw=+516", Roll=0deg	H.Ang=35deg
Optical			Ha...Class=SN	N08E31		Mac.=CS0	H.Ang=33deg
GOES	10:19	10:27	Importance=C2	Qual=02			
BGS	10:21	10:22	CaPeak.c/s=44	Qual= 2	FePeak=10:22	FePeak.c/s=12 #Peaks=1	XEN=413104
FCS		10:22	Peak3...c/s=48		Exp #=17179	Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel	
UVSP	09:40		Wavelength=1524A	Code=01		Rast=250"x250" Step=10" Pitch=-218", Yaw=+525"	
Event # = 20576 84/05/10,11:36	DOY=131 Peak	End times	SMM Pointing:	N07E33		Pitch=-163", Yaw=+514", Roll=0deg	H.Ang=35deg
GOES	11:34	11:36	Importance=C1	Qual=01			
BGS	11:36	11:36	CaPeak.c/s=18	Qual= 1	FePeak=11:36	FePeak.c/s=9 #Peaks=1	XEN=413105
UVSP	11:17		Wavelength=1524A	Code=00	Exp #=17180	Rast=250"x250" Step=10" Pitch=-218", Yaw=+514"	
Event # = 20577 84/05/10,11:56	DOY=131 Peak	End times	SMM Pointing:	N07E33	AR4481	Pitch=-163", Yaw=+514", Roll=0deg	H.Ang=35deg
Optical			Ha...Class=SF	N07E28		Mac.=FKI	H.Ang=30deg
GOES	11:52	11:56	Importance=C1	Qual=03			
BGS	11:54	11:55	CaPeak.c/s=22	Qual= 3	FePeak=11:55	FePeak.c/s=7 dt= 7.7s XEN=413106	
FCS		11:54	Peak3...c/s=95		Exp #=17180	Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel	
UVSP	11:17		Wavelength=1524A	Code=00		Rast=250"x250" Step=10" Pitch=-218", Yaw=+514"	
Event # = 20578 84/05/10,12:37	DOY=131 Peak	End times	SMM Pointing:	N07E32		Pitch=-163", Yaw=+494", Roll=0deg	H.Ang=33deg
GOES	12:36	12:37	Importance=C1	Qual=03			
BGS	12:37	12:37	CaPeak.c/s=24	Qual= 1	FePeak=12:37	FePeak.c/s=9 #Peaks=1	XEN=413107
FCS		12:37	Peak3...c/s=46		Exp #=17181	Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel	
UVSP	12:49		Wavelength=1524A			Rast=250"x250" Step=10" Pitch=-219", Yaw=+501"	
Event # = 7098 84/05/10,13:02	DOY=131 Peak	End times	SMM Pointing:	N07E32		Pitch=-163", Yaw=+494", Roll=0deg	H.Ang=33deg
GOES	13:00	13:04	Importance=B9	Qual=01			
HXRBS	13:01:50	13:02:25	Peak...c/s=75	Qual=01		MaxkeV=48	
UVSP	12:49		Wavelength=1524A	Code=00	Exp #=17181	Rast=250"x250" Step=10" Pitch=-219", Yaw=+501"	
Event # = 7099 84/05/10,13:10	DOY=131 Peak	End times	SMM Pointing:	N07E32		Pitch=-163", Yaw=+494", Roll=0deg	H.Ang=33deg
GOES	13:07	13:15	Importance=C1	Qual=01			
HXRBS	13:08:14	13:08:45	Peak...c/s=72	Qual=01		MaxkeV=48	
BGS	13:08	13:09	CaPeak.c/s=20	Qual= 1	FePeak=13:08	FePeak.c/s=8 #Peaks=1	XEN=413108
FCS		13:09	Peak3...c/s=18		Exp #=17181	Rast=300"x300" Step=10" Cad= 922s 1.024s/pixel	
UVSP	12:49		Wavelength=1524A	Code=00		Rast=250"x250" Step=10" Pitch=-219", Yaw=+501"	

Event # = 20579									
84/05/10, 13:28	DOY=131	Start	Peak	End times	SMM Pointing:	N07E32	Pitch=-163", Yaw=+494", Roll=0deg	H. Ang=33deg	
Optical					Ha...Class=SN				
G0ES 13:26	13:28			13:29	Importance=C1	Qual=01	Mac.=CS0	Carr. Lon.=249deg	H. Ang=68deg
BCS 13:27	13:27			13:28	CaPeak.c/s=19	Qual=1	FePeak.c/s=6	#Peaks=1	XEN=413109
FCS 13:27	13:27				Peak3...c/s=47		Rast=180"x180"	Step=10"	Cad= 332s
UVSP 12:49					Wavelength=1524A	Code=00	Rast=250"x250"	Step=10"	Pitch=-219", Yaw=+501"
Event # = 7100									
84/05/10, 14:22	DOY=131	Start	Peak	End times	SMM Pointing:	N07E30	Pitch=-159", Yaw=+476", Roll=0deg	H. Ang=32deg	
Optical					Ha...Class=SF				
G0ES 14:20	14:22			14:25	Importance=C1	Qual=01	Mac.=CS0	Carr. Lon.=249deg	H. Ang=69deg
HXRBS 14:22:06	14:22:35			14:22:59	Peak...c/s=61	Qual=01	MaxkeV=48		
UVSP 14:10					Wavelength=1524A	Code=00	Rast=250"x250"	Step=10"	Pitch=-217", Yaw=+485"
Event # = 7101									
84/05/10, 15:00	DOY=131	Start	Peak	End times	SMM Pointing:	N07E30	Pitch=-159", Yaw=+476", Roll=0deg	H. Ang=32deg	
Optical					Ha...Class=SN				
G0ES 14:57	15:00			15:03	Importance=C1	Qual=03	Mac.=FKI	Carr. Lon.=153deg	H. Ang=28deg
HXRBS 14:59:33	14:59:58			15:00:51	Peak...c/s=64	Qual=01	MaxkeV=48		
BCS 15:00	15:01			15:03	CaPeak.c/s=25	Qual=1	FePeak.c/s=10	#Peaks=1	XEN=413110
FCS 15:00	15:00				Peak3...c/s=26		Rast=180"x180"	Step=10"	Cad= 332s
UVSP 14:10					Wavelength=1524A	Code=00	Rast=250"x250"	Step=10"	Pitch=-217", Yaw=+485"
Radio	Frequency(MHz)/Flux(sfu):	4995/10	8800/17						
Event # = 7102									
84/05/10, 15:54	DOY=131	Start	Peak	End times	SMM Pointing:	N07E30	Pitch=-157", Yaw=+475", Roll=0deg	H. Ang=32deg	
Optical					Ha...Class=1B				
Optical					Ha...Class=SN				
G0ES 15:35	15:54			16:02	Importance=C4	Qual=04	Mac.=FKI	Carr. Lon.=150deg	H. Ang=31deg
HXRBS 15:50:11	15:52:22			15:55:17	Peak...c/s=145	Qual=01	Carr. Lon.=250deg		
BCS 15:43	15:53			15:59	CaPeak.c/s=144	Qual=1	MaxkeV=48		
FCS 15:46	15:46				Peak3...c/s=80		FePeak.c/s=37	#Peaks=2	dt= 7.7s
Radio	Frequency(MHz)/Flux(sfu):	2695/7	4995/9	8800/29	15400/19		Rast=180"x180"	Step=10"	Cad= 332s
Event # = 7306									
84/05/10, 17:25	DOY=131	Start	Peak	End times	SMM Pointing:	N07E30	Pitch=-157", Yaw=+475", Roll=0deg	H. Ang=32deg	
Optical					Ha...Class=2B				
Optical					Ha...Class=SF				
G0ES 17:19	17:25			18:00	Importance=M4	Qual=01	Mac.=FKI	Carr. Lon.=157deg	H. Ang=22deg
HXRBS 17:20:40	17:22:22			17:39:08	Peak...c/s=13460	Qual=01	Carr. Lon.=164deg		H. Ang=14deg
Radio	Frequency(MHz)/Flux(sfu):	1415/28	2695/280	4995/280	8800/690	15400/640	Flags=I		
Event # = 7103									
HXRBS 17:50:33	17:51:28			17:53:55	Peak...c/s=5739	Qual=01	MaxkeV=196	Flags=FS	
Event # = 7104									
84/05/10, 20:52	DOY=131	Start	Peak	End times	SMM Pointing:	N07E31	Pitch=-156", Yaw=+486", Roll=0deg	H. Ang=32deg	
Optical					Ha...Class=SN				
G0ES 20:50	20:52			20:54	Importance=B8	Qual=01	Mac.=FKI	Carr. Lon.=149deg	H. Ang=29deg
HXRBS 20:51:22	20:51:38			20:52:08	Peak...c/s=58	Qual=01	MaxkeV=48		

Event # = 7105		84/05/11	DOY=132								
84/05/11, 04:35	Start	DOY=132	Peak	SMM Pointing:				Pitch=-161", Yaw=+368", Roll=0deg		H. Ang=25deg	
GOES											
HXRBS	04:35:30	04:35:43	04:36:13	Peak...c/s=86				MaxkeV=67			
Event # = 20580		84/05/11, 07:32	DOY=132								
84/05/11, 07:32	Start	DOY=132	Peak	SMM Pointing:				Pitch=-161", Yaw=+340", Roll=0deg		H. Ang=23deg	
Optical											
GOES	07:25	07:32	07:45	Ha...Class=1B				Mac.=FKI		H. Ang=13deg	
BCS	07:42	07:42	07:56	Importance=M1							
FCS	07:48	07:48	07:56	CaPeak.c/s=118				FePeak.c/s=12		XEN=413200	
Radio	Frequency(MHz)/Flux(sfu):	2695/62	4995/77	Peak3...c/s=464				Rast=300"x300"		Step=10"	
Event # = 20581		84/05/11, 08:29	DOY=132								
84/05/11, 08:29	Start	DOY=132	Peak	SMM Pointing:				Pitch=-161", Yaw=+340", Roll=0deg		H. Ang=23deg	
Optical											
GOES	08:21	08:29	08:34	Ha...Class=SN				Mac.=FKI		H. Ang=30deg	
BCS	08:23	08:25	08:25	Importance=C1				FePeak.c/s=7		XEN=413202	
FCS	08:24	08:24	08:25	CaPeak.c/s=23				Rast=180"x180"		Step=10"	
Event # = 20582		84/05/11, 09:39	DOY=132								
84/05/11, 09:39	Start	DOY=132	Peak	SMM Pointing:				Pitch=-161", Yaw=+327", Roll=0deg		H. Ang=23deg	
Optical											
GOES	09:20	09:39	09:48	Ha...Class=SF				Mac.=FKI		H. Ang=13deg	
BCS	09:31	09:38	09:44	Importance=C1				FePeak.c/s=9		XEN=413203	
FCS	09:32	09:32	09:44	CaPeak.c/s=22				Rast=300"x300"		Step=10"	
Event # = 7110		84/05/11, 15:26	DOY=132								
84/05/11, 15:26	Start	DOY=132	Peak	SMM Pointing:				Pitch=+945", Yaw=+2", Roll=0deg		H. Ang=83deg	
Optical											
GOES	15:13	15:26	15:28	Ha...Class=SB				Mac.=FKI		H. Ang=27deg	
HXRBS	15:24:24	15:25:13	15:27:27	Importance=C4				MaxkeV=88		Flags=FS	
UVSP	15:23	15:23	15:27	Peak...c/s=570				Rast=240"x60"		Step=3"	
Radio	Frequency(MHz)/Flux(sfu):	8800/87	15400/55	WaveLength=3090A							
Event # = 7111		84/05/11, 20:41	DOY=132								
84/05/11, 20:41	Start	DOY=132	Peak	SMM Pointing:				Pitch=-132", Yaw=+181", Roll=0deg		H. Ang=14deg	
Optical											
GOES	20:31	20:41	21:00	Ha...Class=1N				Mac.=FKI		H. Ang=12deg	
HXRBS	20:34:22	20:35:03	20:45:03	Importance=C7							
BCS	20:34	20:38	21:01	Peak...c/s=503				MaxkeV=67		XEN=413210	
FCS	20:37	20:37	21:01	CaPeak.c/s=307				FePeak.c/s=85		#Peaks=2	
Radio	Frequency(MHz)/Flux(sfu):	2695/15	4995/25	Peak3...c/s=771				Rast=300"x300"		Step=10"	
Event # = 7112		84/05/11, 20:53	DOY=132								
84/05/11, 20:53	Start	DOY=132	Peak	SMM Pointing:				Pitch=-132", Yaw=+181", Roll=0deg		H. Ang=14deg	
Optical											
GOES	20:50:37	20:50:56	20:53:22	Ha...Class=1N				Mac.=FKI		H. Ang=12deg	
HXRBS	20:50:37	20:50:56	20:53:22	Importance=C7							
BCS	20:50:37	20:50:56	20:53:22	Peak...c/s=503				MaxkeV=67		XEN=413210	
FCS	20:50:37	20:50:56	20:53:22	CaPeak.c/s=307				FePeak.c/s=85		#Peaks=2	
Radio	Frequency(MHz)/Flux(sfu):	2695/15	4995/25	Peak3...c/s=771				Rast=300"x300"		Step=10"	

84/05/12			DOY=133	
Event # = 7113				
84/05/12,00:05	DOY=133			
Start	Peak			
Optical		SMM Pointing:	N05E09	Pitch=-132",Yaw=+148",Roll=0deg
GOES 00:02	00:05	End times		H.Ang=12deg
00:02	00:05	00:09		
GOES 00:04:31	00:04:53	00:05:13	N07E15	Mac.=FKI Carr.Lon.=146deg
HXRBS 00:04:31	00:04:53	00:05:13	Qual=01	H.Ang=18deg
Radio	Frequency(MHz)/Flux(sfu):	8800/33 15400/9	Qual=01	
		Peak...c/s=119	Tot Cts=4419	
Event # = 7114				
84/05/12,03:16	DOY=133			
Start	Peak			
Optical		SMM Pointing:	N05E08	Pitch=-132",Yaw=+125",Roll=0deg
GOES 03:13	03:16	End times		H.Ang=11deg
03:13	03:16	03:20		
GOES 03:16:35	03:16:51	03:17:02	N07E14	Mac.=FKI Carr.Lon.=146deg
HXRBS 03:16:35	03:16:51	03:17:02	Qual=03	H.Ang=17deg
Radio	Sweeps	Peak...c/s=72	Qual=01	
Radio	Type/Intensity:	111/1		
Radio	Frequency(MHz)/Flux(sfu):	8800/21		
Event # = 7115				
84/05/12,04:15	DOY=133			
Start	Peak			
GOES 04:13	04:15	End times	N05E07	Pitch=-133",Yaw=+111",Roll=0deg
04:13	04:15	04:17		H.Ang=10deg
GOES 04:14:25	04:14:47	04:15:04	Qual=01	
HXRBS 04:14:25	04:14:47	04:15:04	Qual=01	
Radio	Frequency(MHz)/Flux(sfu):	8800/22		
Event # = 7116				
84/05/12,04:46	DOY=133			
Start	Peak			
GOES 04:43	04:46	End times	N05E07	Pitch=-133",Yaw=+111",Roll=0deg
04:43	04:46	04:48		H.Ang=10deg
GOES 04:44:20	04:44:38	04:44:53	Qual=01	
HXRBS 04:44:20	04:44:38	04:44:53	Qual=01	
Radio	Frequency(MHz)/Flux(sfu):	8800/22		
Event # = 7119				
84/05/12,05:38	DOY=133			
Start	Peak			
Optical		SMM Pointing:	N05E06	Pitch=-132",Yaw=+96",Roll=0deg
GOES 05:28	05:38	End times		H.Ang=10deg
05:28	05:38	05:53		
GOES 05:49:17	05:49:44	05:50:06	N02W02	Mac.=FKI Carr.Lon.=160deg
HXRBS 05:49:17	05:49:44	05:50:06	Qual=05	H.Ang=5deg
GOES 05:39	05:39	05:58	Qual=01	
HXRBS 05:39	05:39	05:58	Qual= 5	
FCS 05:39	05:39	05:58	FePeak=05:39	XEN=413300
Radio	Frequency(MHz)/Flux(sfu):	2695/140 4995/230	8800/120 15400/42	Rast=180"x180" Step=10" Cad= 332s
Radio	Frequency(MHz)/Flux(sfu):	2695/140 4995/230	Associated Event # = 7117	1.024s/pixel
Radio	Frequency(MHz)/Flux(sfu):	2695/140 4995/230	Qual=01	
HXRBS 05:40:36	05:41:04	05:41:41	Associated Event # = 7118	
HXRBS 05:42:14	05:42:22	05:43:00	Qual=01	
Event # = 7120				
84/05/12,09:10	DOY=133			
Start	Peak			
Optical		SMM Pointing:	N05E04	Pitch=-132",Yaw=+64",Roll=0deg
GOES 09:00	09:10	End times		H.Ang=9deg
09:00	09:10	09:15		
GOES 09:00:49	09:01:27	09:02:28	N04W01	Mac.=FKI Carr.Lon.=157deg
HXRBS 09:00:49	09:01:27	09:02:28	Qual=01	H.Ang=7deg
Radio	Frequency(MHz)/Flux(sfu):	2695/38 4995/12	Qual=01	
		Peak...c/s=96		
Radio	Frequency(MHz)/Flux(sfu):	2695/38 4995/12		



Event # = 7121	DOY=133	SMM Pointing:	N05E01	Pitch=-132", Yaw=-9", Roll=0deg	H.Ang=8deg
84/05/12, 15:46	Peak	End times			
Optical		Ha...Class=SF	AR4481	Mac.=FKI	H.Ang=8deg
GOES	15:35	Importance=B9		MaxkeV=48	
HXRBS	15:38:00	Peak...c/s=74		Rast=30"x30"	
UVSP	15:46	Wavelength=1524A	Exp # = 17207	Step=0" Pitch=-234", Yaw=+49"	
Event # = 7123	DOY=133	SMM Pointing:	N13V48	Pitch=-245", Yaw=-689", Roll=0deg	H.Ang=50deg
84/05/12, 16:56	Peak	End times			
Optical		Ha...Class=SN	AR4481	Mac.=FKI	H.Ang=9deg
GOES	16:53	Importance=C1		MaxkeV=48	
HXRBS	16:55:53	Peak...c/s=89		Rast=250"x250"	
UVSP	16:34	Wavelength=1524A	Exp # = 17208	Step=10" Pitch=-317", Yaw=-685"	
		Associated	Event # = 7122		
HXRBS	16:55:04	Peak...c/s=68		MaxkeV=48	
Event # = 7124	DOY=133	SMM Pointing:	N05W03	Pitch=-130", Yaw=-52", Roll=0deg	H.Ang=8deg
84/05/12, 22:06	Peak	End times			
GOES		Peak...c/s=66		MaxkeV=48	
HXRBS	22:06:00	Wavelength=1524A	Exp # = 17232	Rast=30"x30"	
UVSP	22:03			Step=0" Pitch=-232", Yaw=+7"	
Event # = 7126	DOY=133	SMM Pointing:	N05W04	Pitch=-130", Yaw=-63", Roll=0deg	H.Ang=9deg
84/05/12, 23:20	Peak	End times			
Optical		Ha...Class=SF	AR4481	Mac.=FKI	H.Ang=11deg
GOES	23:02	Importance=C2		MaxkeV=48	
HXRBS	23:04:39	Peak...c/s=129		Rast=30"x30"	
UVSP	23:07	Wavelength=1524A	Tot Cts=10875	Step=0" Pitch=-97", Yaw=+27"	
		Frequency(MHz)/Flux(sfu):	Exp # = 17236		
		245/180			
		Associated	Event # = 7125		
HXRBS	23:01:35	Peak...c/s=61		MaxkeV=48	
UVSP	22:51	Wavelength=1524A	Exp # = 17234	Rast=30"x30"	
				Step=0" Pitch=-247", Yaw=-15"	
Event # = 7127	DOY=134	SMM Pointing:	N05W05	Pitch=-131", Yaw=-78", Roll=0deg	H.Ang=9deg
84/05/13, 00:43	Peak	End times			
Optical		Ha...Class=SB	AR4481	Mac.=FKI	H.Ang=11deg
GOES	00:39	Importance=C1		MaxkeV=67	
HXRBS	00:39:49	Peak...c/s=163		FePeak.c/s=9	
BGS	00:41	CaPeak.c/s=20	Tot Cts=3695	Step=10" Cad= 922s	
FCS	00:43	Peak3...c/s=32	FePeak=00:42	Step=0" Pitch=-112", Yaw=+13"	
UVSP	00:42	Wavelength=1524A	Exp # = 17244	Rast=30"x30"	
Event # = 20583	DOY=134	SMM Pointing:	N05W06	Pitch=-132", Yaw=-106", Roll=0deg	H.Ang=10deg
84/05/13, 04:09	Peak	End times			
Optical		Ha...Class=SN	AR4481	Mac.=FKI	H.Ang=12deg
GOES	03:56	Importance=C1		FePeak.c/s=8	
BGS	04:07	CaPeak.c/s=26	FePeak=04:08	Step=0" dt= 7.7s	
FCS	04:08	Peak3...c/s=13		Rast=0"x0"	
UVSP	04:05	Wavelength=1524A	Exp # = 17262	Rast=30"x30"	

Event # = 7128									
84/05/13, 10:18	DOY=134	Start	End times	SMM Pointing:	N05W10	Pitch=-130", Yaw=-164", Roll=0deg	H.Ang=13deg		
GOES 10:13	Peak	10:18	10:29	Importance=C1	Qual=01				
HXRBS 10:12:57	10:13:30	10:14:13	10:14:13	Peak...c/s=98	Qual=01				
Radio	Frequency(MHz)/Flux(sfu): 4995/22 8800/40								
MaxkeV=48									
Event # = 7129									
84/05/13, 11:45	DOY=134	Start	End times	SMM Pointing:	N05W11	Pitch=-129", Yaw=-178", Roll=0deg	H.Ang=13deg		
Optical	Peak	11:45	11:50	Ha...Class=SF	AR4481				
GOES 11:41	11:45	11:50	11:50	Importance=B8	Qual=01				
HXRBS 11:42:57	11:43:04	11:43:30	11:43:30	Peak...c/s=93	Qual=01				
Mac.=FKI Carr. Lon.=152deg									
MaxkeV=48									
Event # = 7130									
84/05/13, 14:37	DOY=134	Start	End times	SMM Pointing:	N05W12	Pitch=-129", Yaw=-201", Roll=0deg	H.Ang=15deg		
Optical	Peak	14:37	14:44	Ha...Class=SN	AR4481				
GOES 14:33	14:37	14:44	14:44	Importance=C1	Qual=05				
HXRBS 14:42:06	14:43:07	14:43:49	14:43:49	Peak...c/s=79	Qual=01				
UVSP 14:36	14:43:07	14:43:49	14:43:49	Wavelength=1524A	Code=00				
Tot Cts=333									
Exp # = 17298									
Pitch=-129", Yaw=-246", Roll=0deg									
Step=0"									
Pitch=-144"									
Event # = 20584									
84/05/13, 15:04	DOY=134	Start	End times	SMM Pointing:	N05W13	Pitch=-129", Yaw=-211", Roll=0deg	H.Ang=15deg		
Optical	Peak	15:04	15:08	Ha...Class=SF	AR4481				
GOES 14:53	15:04	15:08	15:08	Importance=C1	Qual=01				
BGS 14:56	15:02	15:08	15:08	CaPeak.c/s=34	Qual=1				
FCS 14:51	15:03	15:08	15:08	Peak3...c/s=57	FePeak=15:02				
UVSP 14:51	15:03	15:08	15:08	Wavelength=1524A	Code=00				
Rast=300"x300" dt= 7.7s XEN=413402									
Rast=30"x30" Cad= 922s 1.024s/pixel									
Rast=30"x30" Step=0" Pitch=-141", Yaw=-101"									
Exp # = 17300									
Event # = 7132									
84/05/13, 17:55	DOY=134	Start	End times	SMM Pointing:	N05W14	Pitch=-127", Yaw=-234", Roll=0deg	H.Ang=16deg		
Optical	Peak	17:55	18:02	Ha...Class=SF	AR4481				
GOES 17:46	17:55	18:02	18:02	Importance=C1	Qual=01				
HXRBS 17:55:38	17:55:53	17:57:05	17:57:05	Peak...c/s=89	Qual=01				
BGS 17:49	17:55	18:05	18:05	CaPeak.c/s=40	Qual=1				
FCS 17:45	17:53	18:05	18:05	Peak3...c/s=84	FePeak=17:55				
UVSP 17:45	17:53	18:05	18:05	Wavelength=1524A	Code=00				
Exp # = 17307									
Event # = 7131									
Tot Cts=948									
MaxkeV=48									
Event # = 7133									
84/05/13, 18:34	DOY=134	Start	End times	SMM Pointing:	N05W14	Pitch=-127", Yaw=-234", Roll=0deg	H.Ang=16deg		
Optical	Peak	18:34	18:37	Importance=B9	Qual=03				
GOES 18:31	18:34	18:37	18:37	Peak...c/s=79	Qual=01				
HXRBS 18:32:48	18:33:42	18:35:27	18:35:27	Wavelength=1524A	Code=00				
UVSP 18:31	18:33:42	18:35:27	18:35:27						
Tot Cts=695									
Exp # = 17313									
MaxkeV=48									
Rast=30"x30" Step=0" Pitch=-229", Yaw=-178"									
Event # = 7134									
84/05/13, 21:15	DOY=134	Start	End times	SMM Pointing:	N05W16	Pitch=-127", Yaw=-263", Roll=0deg	H.Ang=18deg		
Optical	Peak	21:15	21:18	Importance=B7	Qual=01				
GOES 21:13	21:15	21:18	21:18	Peak...c/s=75	Qual=01				
HXRBS 21:14:18	21:14:44	21:15:11	21:15:11	Wavelength=1524A	Code=00				
UVSP 21:10	21:14:44	21:15:11	21:15:11						
Tot Cts=269									
Exp # = 17325									
MaxkeV=48									
Rast=30"x30" Step=0" Pitch=-139", Yaw=-157"									

84/05/14 DOY=135				84/05/15 DOY=136			
Event #	Start	End times	SMM Pointing:	DOY=135 Peak	End times	SMM Pointing:	DOY=135 Peak
84/05/14, 15:45	15:45	15:46	Peak...c/s=60 Wavelength=1524A	15:45:41	15:46:29	Peak...c/s=60 Wavelength=1524A	15:45:41
GOES	15:45:13	15:46:29					
HXRBS	15:45:13	15:46:29					
UVSP	15:46						
Event # = 7137				Event # = 7136			
84/05/14, 18:17	18:17	18:18	Peak...c/s=60 Wavelength=1524A	18:17:22	18:18:03	Peak...c/s=60 Wavelength=1524A	18:17:22
Optical	17:57	18:35					
GOES	17:57	18:35					
HXRBS	18:13:00	18:15:46					
BCS	18:01	18:17					
FCS	18:03						
UVSP	17:45						
Event # = 20585				Event # = 20586			
84/05/14, 20:59	20:59	21:06	Peak...c/s=60 Wavelength=1524A	20:59:28	21:06:19	Peak...c/s=60 Wavelength=1524A	20:59:28
Optical	20:51	21:06					
GOES	20:51	21:06					
HXRBS	20:53	21:01					
BCS	20:53	21:01					
FCS	20:54						
UVSP	20:46						
Event # = 20587				Event # = 20588			
84/05/15, 04:58	04:58	05:13	Peak...c/s=60 Wavelength=1524A	04:58:07	05:13:00	Peak...c/s=60 Wavelength=1524A	04:58:07
Optical	04:48	05:13					
GOES	04:48	05:13					
BCS	04:55	05:00					
UVSP	04:55	05:00					





Event # = 20590		84/05/18		DOY=139	
84/05/18,02:28	Start	DOY=139	SMM Pointing:	End times	Peak
Optical	01:58	02:28	Code=LPS	02:41	
GOES	02:00	02:02	Importance=M1	02:02	
BCS	02:00		CaPeak.c/s=65		
UVSP	02:00		Wavelength=1524A		
Pitch=-48", Yaw=-912", Roll=0deg H. Ang=74deg Mac.=EAO Carr. Lon.=351deg H. Ang=90deg FePeak.c/s=32 #Peaks=1 dt= 3.8s XEN=413900 Rast=250"x250" Step=10" Pitch=-116", Yaw=-945"					
Event # = 8317		84/05/18,04:04		DOY=139	
84/05/18,04:04	Start	DOY=139	SMM Pointing:	End times	Peak
Optical	04:02	04:04	Ha...Class=SF	04:06	
GOES	04:02	04:02	Importance=C2	04:04:14	
HXRBS	04:02:17	04:02:31	Peak...c/s=96	04:08	
BCS	04:03	04:04	CaPeak.c/s=19		
FCS	04:03	04:04	Peak3...c/s=27		
UVSP	04:47		Wavelength=1524A		
Pitch=-48", Yaw=-912", Roll=0deg H. Ang=74deg Mac.=EAO Carr. Lon.=152deg H. Ang=72deg MaxkeV=48 Flags=I FePeak.c/s=6 #Peaks=1 dt= 7.7s XEN=413901 Rast=0"x0" Step=0" Cad=3840s 3840s/pixel Rast=285"x285" Step=15" Pitch=-108", Yaw=-917"					
Event # = 8318		84/05/18,05:33		DOY=139	
84/05/18,05:33	Start	DOY=139	SMM Pointing:	End times	Peak
Optical	05:32	05:33	Ha...Class=SN	05:38	
GOES	05:32	05:33	Importance=C2	05:34:44	
HXRBS	05:34:24	05:34:31	Peak...c/s=632	05:39	
BCS	05:34	05:35	CaPeak.c/s=95		
FCS	05:34	05:35	Peak3...c/s=373		
UVSP	05:19		Wavelength=1524A		
Radio			606/37 4995/7 8800/33 15400/62		
Pitch=-48", Yaw=-912", Roll=0deg H. Ang=74deg Mac.=EAO Carr. Lon.=153deg H. Ang=74deg MaxkeV=172 Flags=I FePeak.c/s=18 #Peaks=1 dt= 3.8s XEN=413904 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel Rast=30"x30" Step=0" Pitch=-130", Yaw=-865"					
Event # = 7152		84/05/18,07:07		DOY=139	
84/05/18,07:07	Start	DOY=139	SMM Pointing:	End times	Peak
Optical	07:04	07:07	Importance=C2	07:09	
GOES	07:04	07:07	Peak...c/s=124	07:07:13	
HXRBS	07:06:08	07:06:31	CaPeak.c/s=83	07:09	
BCS	07:06	07:07	Peak3...c/s=251		
FCS	07:08		Wavelength=1524A		
UVSP	06:53				
Pitch=-48", Yaw=-912", Roll=0deg H. Ang=74deg MaxkeV=48 FePeak.c/s=24 #Peaks=1 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel Rast=30"x30" Step=0" Pitch=-130", Yaw=-869"					
Event # = 7153		84/05/18,08:45		DOY=139	
84/05/18,08:45	Start	DOY=139	SMM Pointing:	End times	Peak
Optical	07:50	08:45	Code=ASR	09:15	
GOES	07:50	08:45	Importance=C6	08:31:55	
HXRBS	08:31:19	08:31:27	Peak...c/s=72	08:33	
BCS	08:31	08:32	CaPeak.c/s=27		
FCS	08:31	08:33	Peak3...c/s=220		
UVSP	08:44		Wavelength=1524A		
Pitch=-48", Yaw=-912", Roll=0deg H. Ang=74deg Mac.=EAO Carr. Lon.=347deg H. Ang=90deg MaxkeV=48 FePeak.c/s=9 #Peaks=1 Rast=0"x0" Step=0" Cad=3840s 3840s/pixel Rast=30"x30" Step=0" Pitch=-129", Yaw=-873"					

Event # = 7154									
84/05/18,09:37	DOY=139	SMM Pointing:	N02W76	Pitch=-42"	Yaw=-923"	Roll=0deg	H.Ang=77deg		
Start	Peak	End times							
GOES 09:32	09:37	09:48	Qual=01	MaxkeV=108	#Peaks=2	dt= 3.8s	XEN=413908		
HXRBS 09:33:05	09:37:05	09:40:00	Qual=01	Tot Cts=27500	FePeak.c/s=47	Cad= 922s	1.024s/pixel		
BCS 09:33	09:37	10:02	Qual= 1	FePeak=09:37	Step=10"	Step=0"	Pitch=-144"	Yaw=-875"	
FCS 09:44				Peak3...c/s=216	Rast=30"x30"				
UVSP 09:31				Wavelength=1524A	Code=00	Exp #=17538			
Radio Frequency(MHz)/Flux(sfu):	1415/10	2695/5	4995/35	8800/18					
Associated Event # = 7155									
84/05/18,09:44:06	09:44:44	09:45:40	Peak...c/s=60	Qual=01					
-----									
Event # = 20594									
84/05/18,10:13	DOY=139	SMM Pointing:	N02W76	Pitch=-42"	Yaw=-923"	Roll=0deg	H.Ang=77deg		
Start	Peak	End times							
GOES 10:10	10:13	10:15	Qual=01	FePeak.c/s=11	#Peaks=1	Cad= 332s	XEN=413911		
BCS 10:10	10:12	10:15	Qual= 1	FePeak=10:11	Step=10"	Step=0"	1.024s/pixel		
FCS 10:12				Rast=180"x180"	Pitch=-129"	Yaw=-891"			
UVSP 10:02				Rast=30"x30"					
-----									
Event # = 8319									
84/05/18,11:17	DOY=139	SMM Pointing:	N02W76	Pitch=-42"	Yaw=-923"	Roll=0deg	H.Ang=77deg		
Start	Peak	End times							
Optical 11:14	11:17	11:22	Qual=01	Mac.=EA0	Carr.Lon.=357deg	H.Ang=79deg			
GOES 11:14	11:17	11:22	Qual=01	MaxkeV=67	Flags=1		XEN=413913		
HXRBS 11:16:45	11:16:50	11:16:53	Qual=01	Tot Cts=505	#Peaks=2	Cad= 922s	1.024s/pixel		
BCS 11:17	11:17	11:21	Qual= 1	FePeak=11:17	Step=10"	Step=0"	Pitch=-143"	Yaw=-878"	
FCS 11:17				Rast=300"x300"	Step=0"				
UVSP 11:06				Rast=30"x30"					
-----									
Event # = 8320									
84/05/18,11:52	DOY=139	SMM Pointing:	N02W76	Pitch=-42"	Yaw=-923"	Roll=0deg	H.Ang=77deg		
Start	Peak	End times							
Optical 11:50	11:52	11:53	Qual=01	Mac.=EA0	Carr.Lon.=357deg	H.Ang=79deg			
GOES 11:50	11:52	11:53	Qual=01	MaxkeV=67	Flags=1		XEN=413915		
HXRBS 11:51:32	11:51:48	11:52:11	Qual=01	Tot Cts=2016	#Peaks=1	Cad= 332s	1.024s/pixel		
BCS 11:51	11:52	11:53	Qual= 1	FePeak=11:51	Step=10"	Step=15"	Pitch=-105"	Yaw=-932"	
FCS 11:52				Exp #=17551					
UVSP 11:51				Wavelength=1524A	Code=00				
-----									
Event # = 8321									
84/05/18,12:13	DOY=139	SMM Pointing:	N02W76	Pitch=-42"	Yaw=-923"	Roll=0deg	H.Ang=77deg		
Start	Peak	End times							
Optical 12:13	12:13	12:31	Qual=02	MackeV=48	Carr.Lon.=152deg	H.Ang=77deg			
GOES 11:58	12:13	12:31	Qual=01	Rast=30"x30"	Flags=1				
HXRBS 11:58:14	11:59:53	12:01:26	Qual=01	Tot Cts=9730	Step=0"	Pitch=-128"	Yaw=-894"		
UVSP 11:52				Exp #=17552					
-----									
Event # = 20097									
84/05/18,12:38	DOY=139	SMM Pointing:	N02W76	Pitch=-42"	Yaw=-923"	Roll=0deg	H.Ang=77deg		
Start	Peak	End times							
GOES 12:32	12:38	12:49	Qual=04	FePeak.c/s=9	#Peaks=1	XEN=413916			
BCS 12:38	12:39	12:39	Qual= 5	FePeak=12:38	Step=0"	Cad=3840s	3840s/pixel		
FCS 12:39				Rast=0"x0"	Step=15"	Pitch=-105"	Yaw=-934"		
UVSP 12:40				Rast=285"x285"					

Event # = 7159									
84/05/18,13:12	DOY=139	Start	Peak	SMM Pointing:		N02W76	Pitch=-42" , Yaw=-923" , Roll=0deg		
GOES 13:00	13:12	13:27	13:27	Importance=M1	Qual=01				
HXRBS 13:06:10	13:08:02	13:15:28	13:15:28	Peak...c/s=482	Qual=01	Tot Cts=63942			
BCS 13:10	13:10	13:11	13:11	CaPeak.c/s=19	Qual=1	FePeak=13.10			
UVSP 13:12				Wave length=1524A	Code=02	Exp # =17558	#Peaks=1		
Radio	Frequency(MHz)/Flux(sfu):		2695/3 4995/15	8800/26	15400/15		Rast=30"x30" Step=0" Pitch=-128" , Yaw=-882"		
-----									
HXRBS 13:00:32	13:01:03	13:02:57	13:02:57	Peak...c/s=166	Qual=01	Tot Cts=2488			
UVSP 12:56				Wave length=1524A		Exp # =17556	MaxkeV=88		
-----									
Event # = 7161									
84/05/18,14:19	DOY=139	Start	Peak	SMM Pointing:		N02W76	Pitch=-42" , Yaw=-923" , Roll=0deg		
Optical				Ha...Class=SF	S12E72	AR4492	Mac.=EAO		
GOES 14:02	14:19	14:35	14:35	Importance=C9	Qual=05		H. Ang=77deg		
HXRBS 14:28:56	14:29:59	14:31:11	14:31:11	Peak...c/s=85	Qual=01	Tot Cts=1392	H. Ang=72deg		
UVSP 14:15				Wave length=1524A	Code=00	Exp # =17562	Flags=AX		
Radio	Frequency(MHz)/Flux(sfu):		4995/10 8800/12				Step=0" Pitch=-142" , Yaw=-899"		
-----									
HXRBS 14:12:52	14:13:20	14:15:05	14:15:05	Associated Event # = 7160		Tot Cts=448	Step=0" Pitch=-127" , Yaw=-899"		
UVSP 14:15				Qual=02			MaxkeV=48		
-----									
Event # = 7162									
84/05/18,14:48	DOY=139	Start	Peak	SMM Pointing:		N02W79	Pitch=-40" , Yaw=-933" , Roll=0deg		
Optical				Ha...Class=SF	S12E72	AR4492	H. Ang=79deg		
GOES 14:43	14:48	15:05	15:05	Importance=C7	Qual=01		H. Ang=72deg		
HXRBS 14:56:06	14:57:05	14:57:30	14:57:30	Peak...c/s=73	Qual=01	Tot Cts=726			
UVSP 14:45				Wave length=1524A	Code=00	Exp # =17566	Mac.=EAO		
-----									
HXRBS 14:12:52	14:13:20	14:15:05	14:15:05	Associated Event # = 7160		Tot Cts=448	MaxkeV=48		
UVSP 14:15				Qual=02			Flags=SN		
-----									
Event # = 7163									
84/05/18,16:07	DOY=139	Start	Peak	SMM Pointing:		S15E87	Pitch=+246" , Yaw=+916" , Roll=0deg		
GOES 16:06:59	16:07:39	16:09:44	16:09:44	Peak...c/s=82	Qual=00		H. Ang=87deg		
HXRBS 16:05				Wave length=1526A	Qual=01	Tot Cts=2001	Flags=AX		
UVSP 16:05						Exp # =17572	Step=0" Pitch=+113" , Yaw=+829"		
-----									
Event # = 7164									
84/05/18,16:15	DOY=139	Start	Peak	SMM Pointing:		S15E87	Pitch=+246" , Yaw=+916" , Roll=0deg		
Optical				Ha...Class=SF	N11W80	AR4481	H. Ang=87deg		
Optical				Ha...Class=SF	S12E71	AR4492	H. Ang=81deg		
GOES 16:12	16:15	16:18	16:18	Importance=C2	Qual=01		H. Ang=71deg		
HXRBS 16:12:51	16:13:07	16:14:42	16:14:42	Peak...c/s=119	Qual=01	Tot Cts=747	Carr. Lon.=153deg		
UVSP 16:05				Wave length=1526A	Code=00	Exp # =17572	Carr. Lon.=2deg		
-----									
Event # = 7165									
84/05/18,20:58	DOY=139	Start	Peak	SMM Pointing:		S15E87	Pitch=+246" , Yaw=+916" , Roll=0deg		
Optical				Ha...Class=SN	N05W84	AR4481	H. Ang=87deg		
Optical				Ha...Class=SF	S10E71	AR4492	H. Ang=84deg		
GOES 20:52	20:58	21:03	21:03	Importance=C2	Qual=01		H. Ang=71deg		
HXRBS 20:53:40	20:54:04	20:56:10	20:56:10	Peak...c/s=154	Qual=01	Tot Cts=2374	Carr. Lon.=155deg		
Radio	Frequency(MHz)/Flux(sfu):		15400/13				Carr. Lon.=360deg		
-----									
UVSP 16:05							Mac.=EAO		
-----									
UVSP 16:05							MaxkeV=48		



Event # = 20598	84/05/18, 22:08	Start	DOY=139	Peak	SMM Pointing:	S15E87	Pitch=+246", Yaw=+916", Roll=0deg	H. Ang=87deg
Optical	21:50	End times	22:20	Ha...Class=SN	AR4492	S12E69	Mac.=EAO	H. Ang=69deg
GOES	22:05	22:22	22:08	Importance=C3	FePeak=22:07	Qual=05	FePeak.c/s=13	XEN=413918
BCS	22:05	22:22	22:07	CaPeak.c/s=102		Qual=4	Rast=180"x180"	1.024s/pixel
FCS	22:05	22:22	22:10	Peak3...c/s=685			Step=10"	332s
Event # = 20599	84/05/18, 22:39	Start	DOY=139	Peak	SMM Pointing:	S15E87	Pitch=+246", Yaw=+916", Roll=0deg	H. Ang=87deg
Optical	22:37	End times	22:40	Ha...Class=SN	AR4492	S12E69	Mac.=EAO	H. Ang=69deg
GOES	22:37	22:45	22:39	Importance=C1	FePeak=22:38	Qual=01	FePeak.c/s=11	XEN=413920
BCS	22:37	22:45	22:38	CaPeak.c/s=25		Qual=1	Rast=180"x180"	1.024s/pixel
FCS	22:37	22:45	22:37	Peak3...c/s=218			Step=10"	332s
Event # = 20600	84/05/18, 22:44	Start	DOY=139	Peak	SMM Pointing:	S15E87	Pitch=+246", Yaw=+916", Roll=0deg	H. Ang=87deg
Optical	22:42	End times	22:45	Ha...Class=SN	AR4492	S10E70	Mac.=EAO	H. Ang=70deg
GOES	22:42	22:45	22:44	Importance=C1	FePeak=22:43	Qual=01	FePeak.c/s=9	XEN=413921
BCS	22:43	22:45	22:43	CaPeak.c/s=24		Qual=1	Rast=180"x180"	1.024s/pixel
FCS	22:43	22:45	22:43	Peak3...c/s=158			Step=10"	332s
Event # = 20601	84/05/18, 22:50	Start	DOY=139	Peak	SMM Pointing:	S15E87	Pitch=+246", Yaw=+916", Roll=0deg	H. Ang=87deg
GOES	22:48	End times	22:51	Importance=C1	FePeak=22:51	Qual=01	FePeak.c/s=7	XEN=413922
BCS	22:48	22:51	22:50	CaPeak.c/s=19		Qual=1		
FCS	22:48	22:51	22:51	Peak3...c/s=318				
Event # = 20645	84/05/18, 23:47	Start	DOY=139	Peak	SMM Pointing:	S15E87	Pitch=+246", Yaw=+916", Roll=0deg	H. Ang=87deg
GOES	23:40	End times	23:53	Importance=C2	FePeak=23:47	Qual=01	FePeak.c/s=13	XEN=413925
BCS	23:39	00:06	23:47	CaPeak.c/s=71		Qual=1	dt= 3.8s	
FCS	23:39	00:06	23:47	Peak3...c/s=318				
UVSP	02:51		23:57					
Event # = 20646	84/05/19, 02:48	Start	DOY=140	Peak	SMM Pointing:	AR4492	Pitch=+246", Yaw=+916", Roll=0deg	H. Ang=87deg
GOES	02:29	End times	02:48	Importance=C2	FePeak=02:49	Qual=04	FePeak.c/s=8	XEN=414011
BCS	02:48	02:58	02:49	CaPeak.c/s=33		Qual=1		
FCS	02:48	02:58	02:49	Peak3...c/s=349				
UVSP	02:51		02:50	Wavelength=1526A	Exp #=17598	Code=02	Rast=265"x265"	Pitch=+181", Yaw=+911"
Event # = 7166	84/05/19, 03:31	Start	DOY=140	Peak	SMM Pointing:	AR4492	Pitch=+246", Yaw=+916", Roll=0deg	H. Ang=87deg
GOES	03:04	End times	03:31	Importance=C5	Tot Cts=1774	Qual=03	MaxkeV=48	XEN=414013
HXRBS	03:05:09	03:07:29	03:06:39	Peak...c/s=114	FePeak=03:31	Qual=01	FePeak.c/s=23	dt= 7.7s
BCS	03:04	04:52	03:31	CaPeak.c/s=188		Qual=1		
FCS	03:04	04:52	03:31	Peak3...c/s=732				
UVSP	03:21		03:35	Wavelength=1526A	Exp #=17603	Code=00	Rast=10"x10"	Pitch=+158", Yaw=+859"



Event # = 20647		SMM Pointing:		AR4492			
84/05/19,14:20	DOY=140	End times					
Start	Peak						
GOES 14:13	14:20	14:25	Importance=C2	Qual=01	FePeak=14:21	FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=414030
BCS 14:18	14:21	14:23	CaPeak.c/s=24	Qual= 1			
FCS 14:19	14:19		Peak3..c/s=57		Exp # = 17654	Rast=250"x250"	Step=10" Pitch=+173", Yaw=+904"
UVSP 13:51			Wavelength=1524A	Code=00			
Event # = 7172		SMM Pointing:		AR4492			
84/05/19,15:46	DOY=140	End times					
Start	Peak						
Optical 15:43	15:46	15:48	Ha...Class=SF	S12E70		Mac.=FHI	Carr. Lon.=350deg H. Ang=70deg
GOES 15:43	15:46	15:48	Importance=C1	Qual=01			
HXRBS 15:44:59	15:45:43	15:45:55	Peak...c/s=89	Qual=01			
BCS 15:45	15:47	15:48	CaPeak.c/s=22	Qual= 1	FePeak=15:47	MaxkeV=48	#Peaks=1 dt= 7.7s XEN=414031
FCS 15:46	15:46		Peak3..c/s=27			Rast=120"x60"	Step=15" Cad=2998s 93.70s/pixel
UVSP 15:24			Wavelength=1524A	Code=01	Exp # = 17655	Rast=10"x10"	Step=0" Pitch=+141", Yaw=+912"
Event # = 7173		SMM Pointing:		AR4494			
84/05/19,17:34	DOY=140	End times					
Start	Peak						
Optical 17:28	17:34	17:41	Ha...Class=SF	S08E82		Mac.=CH0	Carr. Lon.=337deg H. Ang=82deg
GOES 17:28	17:34	17:41	Importance=C4	Qual=01			
HXRBS 17:29:30	17:30:20	17:31:33	Peak...c/s=300	Qual=01	Tot Cts=5918	MaxkeV=67	Step=10" Pitch=-503", Yaw=+133"
UVSP 17:00			Wavelength=1524A	Code=00	Exp # = 17656	Rast=250"x250"	
Radio	Frequency(MHz)/Flux(sfu):		4995/20 8800/37 15400/28				
Event # = 20648		SMM Pointing:		AR4492			
84/05/19,19:07	DOY=140	End times					
Start	Peak						
Optical 18:47	19:07	19:16	Ha...Class=SN	S12E84		Mac.=FHI	Carr. Lon.=334deg H. Ang=84deg
GOES 18:47	19:07	19:16	CaPeak.c/s=25	Qual=00	FePeak=19:07	FePeak.c/s=11	#Peaks=1 XEN=414019
BCS 18:48	18:48		Peak3..c/s=100	Qual= 3			
UVSP 18:33			Wavelength=1524A		Exp # = 17657	Rast=10"x10"	Step=0" Pitch=+141", Yaw=+912"
Event # = 7174		SMM Pointing:		AR4492			
84/05/19,20:22	DOY=140	End times					
Start	Peak						
GOES 20:18	20:22	20:25	Importance=C3	Qual=01			
HXRBS 20:21:30	20:21:59	20:22:29	Peak...c/s=68	Qual=01	Exp # = 17658	MaxkeV=48	Step=10" Pitch=+141", Yaw=+912"
UVSP 20:09			Wavelength=1524A	Code=00		Rast=250"x250"	
Event # = 7176		SMM Pointing:		AR4492			
84/05/19,20:48	DOY=140	End times					
Start	Peak						
Optical 20:30	20:48	20:51	Ha...Class=SN	S10E68		Mac.=FHI	Carr. Lon.=350deg H. Ang=68deg
GOES 20:30	20:48	20:51	Importance=C6	Qual=03			
HXRBS 20:33:33	20:38:08	20:50:08	Peak...c/s=91	Qual=01	Tot Cts=10047	MaxkeV=48	#Peaks=2 dt= 7.7s XEN=414008
BCS 20:28	20:46	20:53	CaPeak.c/s=252	Qual= 3	FePeak=20:46	FePeak.c/s=39	Step=10" Cad= 590s 1.024s/pixel
FCS 20:28	20:46		Peak3..c/s=45			Rast=240"x240"	Step=10" Pitch=+141", Yaw=+912"
UVSP 20:09	20:28		Wavelength=1524A	Code=00	Exp # = 17658	Rast=250"x250"	Step=10" Pitch=+141", Yaw=+912"
			Associated	Event # = 7175			
HXRBS 20:30:43	20:31:20	20:31:35	Peak...c/s=72	Qual=01		MaxkeV=48	

Event # = 7177  
84/05/19, 21:53 DOY=140  
Start Peak  
Optical  
GOES 21:48 21:53 22:27  
HXRS 21:50:17 21:52:25 22:18:57  
BCS 21:48 21:55 22:30  
FCS 21:54  
UVSP 21:43  
Radio Sweeps  
Radio Frequency(MHz)/Flux(sfu): 245/460 410/770 606/6700 1415/1800 2695/2000 4995/2400 8800/2000 15400/2500  
HXRS 22:19:14 22:19:34 22:20:38  
SMM Pointing:  
Ha...Class=28 S10E66  
Importance=X4 Qual=01  
Peak...c/s=193700 Qual=01  
CaPeak.c/s=7786 Qual=1  
Peak3...c/s=18498  
Wavelength=1524A Code=00  
III/1  
Type/Intensity:  
Radio  
Frequency(MHz)/Flux(sfu): 245/460 410/770 606/6700 1415/1800 2695/2000 4995/2400 8800/2000 15400/2500  
HXRS 22:19:14 22:19:34 22:20:38  
Associated Event # = 7178  
Peak...c/s=93 Qual=01  
MaxkeV=48

Event # = 7179  
84/05/19, 23:44 DOY=140  
Start Peak  
Optical  
GOES 23:40 23:44 23:55  
HXRS 23:41:38 23:42:55 23:46:18  
UVSP 23:33  
Radio Sweeps  
Radio Frequency(MHz)/Flux(sfu): 245/460 410/770 606/6700 1415/1800 2695/2000 4995/2400 8800/2000 15400/2500  
HXRS 23:41:38 23:42:55 23:46:18  
SMM Pointing:  
Ha...Class=28 S10E66  
Importance=X4 Qual=01  
Peak...c/s=193700 Qual=01  
CaPeak.c/s=7786 Qual=1  
Peak3...c/s=18498  
Wavelength=1524A Code=00  
III/1  
Type/Intensity:  
Radio  
Frequency(MHz)/Flux(sfu): 245/460 410/770 606/6700 1415/1800 2695/2000 4995/2400 8800/2000 15400/2500  
HXRS 23:41:38 23:42:55 23:46:18  
Associated Event # = 7178  
Peak...c/s=93 Qual=01  
MaxkeV=48

Event # = 7180  
84/05/20, 01:00 DOY=141  
Start Peak  
Optical  
GOES 01:00:13 01:00:32 01:01:07  
HXRS 01:00:13 01:00:32 01:01:07  
UVSP 00:53  
Radio Sweeps  
Radio Frequency(MHz)/Flux(sfu): 245/460 410/770 606/6700 1415/1800 2695/2000 4995/2400 8800/2000 15400/2500  
HXRS 01:00:13 01:00:32 01:01:07  
SMM Pointing:  
Ha...Class=28 S10E66  
Importance=X4 Qual=01  
Peak...c/s=193700 Qual=01  
CaPeak.c/s=7786 Qual=1  
Peak3...c/s=18498  
Wavelength=1524A Code=00  
III/1  
Type/Intensity:  
Radio  
Frequency(MHz)/Flux(sfu): 245/460 410/770 606/6700 1415/1800 2695/2000 4995/2400 8800/2000 15400/2500  
HXRS 01:00:13 01:00:32 01:01:07  
Associated Event # = 7178  
Peak...c/s=93 Qual=01  
MaxkeV=48

Event # = 7181  
84/05/20, 01:05 DOY=141  
Start Peak  
Optical  
GOES 01:03 01:05 01:07  
HXRS 01:03:52 01:04:13 01:04:50  
UVSP 00:53  
Radio Sweeps  
Radio Frequency(MHz)/Flux(sfu): 245/460 410/770 606/6700 1415/1800 2695/2000 4995/2400 8800/2000 15400/2500  
HXRS 01:03:52 01:04:13 01:04:50  
SMM Pointing:  
Ha...Class=28 S10E66  
Importance=X4 Qual=01  
Peak...c/s=193700 Qual=01  
CaPeak.c/s=7786 Qual=1  
Peak3...c/s=18498  
Wavelength=1524A Code=00  
III/1  
Type/Intensity:  
Radio  
Frequency(MHz)/Flux(sfu): 245/460 410/770 606/6700 1415/1800 2695/2000 4995/2400 8800/2000 15400/2500  
HXRS 01:03:52 01:04:13 01:04:50  
Associated Event # = 7178  
Peak...c/s=93 Qual=01  
MaxkeV=48

Event # = 7182  
84/05/20, 01:13 DOY=141  
Start Peak  
Optical  
GOES 01:10 01:13 01:16  
HXRS 01:11:46 01:12:35 01:14:15  
UVSP 01:09  
Radio Sweeps  
Radio Frequency(MHz)/Flux(sfu): 245/460 410/770 606/6700 1415/1800 2695/2000 4995/2400 8800/2000 15400/2500  
HXRS 01:11:46 01:12:35 01:14:15  
SMM Pointing:  
Ha...Class=28 S10E66  
Importance=X4 Qual=01  
Peak...c/s=193700 Qual=01  
CaPeak.c/s=7786 Qual=1  
Peak3...c/s=18498  
Wavelength=1524A Code=00  
III/1  
Type/Intensity:  
Radio  
Frequency(MHz)/Flux(sfu): 245/460 410/770 606/6700 1415/1800 2695/2000 4995/2400 8800/2000 15400/2500  
HXRS 01:11:46 01:12:35 01:14:15  
Associated Event # = 7178  
Peak...c/s=93 Qual=01  
MaxkeV=48

Event # = 7295  
84/05/20, 01:29 Start DOY=141 Peak  
Optical  
GOES 01:24 01:29 01:38 01:38 SMM Pointing: S13E87 Pitch=+213", Yaw=+924", Roll=0deg H.Ang=87deg  
GOES 01:25:26 01:26:37 01:35:54 Ha...Class=1B Importance=M2 Qual=01 Carr. Lon.=351deg H.Ang=64deg  
HXRBS 01:25:26 01:26:37 01:35:54 Peak...c/s=2723 Qual=01 Tot Cts=3.78E+5 MaxkeV=219 Flags=M  
BCS 00:51 01:29 01:48 CaPeak.c/s=2047 Qual=1 FePeak=01:28 #Peaks=3 dt= 7.7s XEN=414134  
FCS 01:31 01:31 Peak3...c/s=2341 Code=00 Exp #=17673 Rast=10"x10" Step=0" Pitch=+156", Yaw=+807"  
UVSP 01:24 01:31 Wavelength=1526A 606/77 1415/51 2695/140 4995/130 8800/320 15400/340  
Radio Frequency(MHz)/Flux(sfu): 245/230 410/3500

Event # = 7184  
84/05/20, 03:01 Start DOY=141 Peak  
Optical  
GOES 02:48 03:01 03:15 03:15 SMM Pointing: S13E87 Pitch=+213", Yaw=+924", Roll=0deg H.Ang=87deg  
GOES 02:56:03 03:00:28 03:15:52 Ha...Class=SB Importance=M4 Qual=01 Carr. Lon.=352deg H.Ang=62deg  
HXRBS 02:56:03 03:00:28 03:15:52 Peak...c/s=6859 Qual=01 Tot Cts=7.74E+5 MaxkeV=219 Flags=M,FS  
BCS 02:48 03:01 03:23 CaPeak.c/s=3078 Qual=1 FePeak=03:01 #Peaks=2 dt= 7.7s XEN=414129  
FCS 03:16 03:16 Peak3...c/s=1326 Code=00 Exp #=17681 Rast=10"x10" Step=0" Pitch=+156", Yaw=+837"  
UVSP 02:58 03:16 Wavelength=1526A 606/1400 1415/240 2695/100 4995/130 8800/260 15400/420  
Radio Frequency(MHz)/Flux(sfu): 245/240 410/3200  
HXRBS 02:49:41 02:51:33 02:54:09 Peak...c/s=324 Associated Event # = 7183  
UVSP 02:42 02:54:09 Wavelength=1526A Qual=01 Tot Cts=22139 MaxkeV=67 Step=0" Pitch=+186", Yaw=+792"  
Exp #=17679

Event # = 7185  
84/05/20, 04:08 Start DOY=141 Peak  
Optical  
GOES 04:02 04:08 04:18 04:18 SMM Pointing: S13E87 Pitch=+213", Yaw=+924", Roll=0deg H.Ang=87deg  
GOES 04:04:25 04:06:28 04:09:32 Ha...Class=SN Importance=M1 Qual=01 Carr. Lon.=347deg H.Ang=66deg  
HXRBS 04:04:25 04:06:28 04:09:32 Peak...c/s=354 Qual=01 Tot Cts=30196 MaxkeV=67 dt= 7.7s XEN=414100  
BCS 04:00 04:08 04:30 CaPeak.c/s=457 Qual=1 FePeak=04:06 Step=10" Cad=1806s 1.024s/pixel  
FCS 04:09 04:09 Peak3...c/s=1669 Code=00 Exp #=17685 Rast=10"x10" Step=0" Pitch=+96", Yaw=+792"  
UVSP 04:02 04:09 Wavelength=1526A 606/1400 1415/240 2695/100 4995/130 8800/260 15400/420

Event # = 7186  
84/05/20, 04:45 Start DOY=141 Peak  
Optical  
GOES 04:30 04:45 04:50 04:50 SMM Pointing: S13E87 Pitch=+213", Yaw=+924", Roll=0deg H.Ang=87deg  
GOES 04:32:12 04:32:30 04:33:08 Ha...Class=SN Importance=C4 Qual=01 Carr. Lon.=349deg H.Ang=64deg  
HXRBS 04:32:12 04:32:30 04:33:08 Peak...c/s=110 Qual=01 Tot Cts=1041 MaxkeV=48 dt= 7.7s XEN=414130  
BCS 04:31 04:35 04:49 CaPeak.c/s=63 Qual=1 FePeak=04:36 Step=0" Cad= 768s 768.0s/pixel  
FCS 04:43 04:43 Peak3...c/s=306 Code=02 Exp #=17690 Rast=265"x265" Step=15" Pitch=+149", Yaw=+919"  
UVSP 04:47 04:47 Wavelength=1526A 606/1400 1415/240 2695/100 4995/130 8800/260 15400/420  
HXRBS 04:43:39 04:45:21 04:46:36 Peak...c/s=75 Associated Event # = 7187  
Exp #=17690 MaxkeV=48

Event # = 7188									
84/05/20,05:44	DOY=141	Start	End times	SMM Pointing:	S13E87	Pitch=+213",Yaw=+924",Roll=0deg	H.Ang=87deg		
Optical				Ha...Class=1B	S08E57	Mac.=FK0	Carr.Lon.=356deg		
GOES	05:29	05:44	06:01	Importance=M5	Qual=04				
HXRBS	05:39:19	05:41:26	05:49:16	Peak...c/s=5530	Qual=02	Tot Cts=7.15E+5	MaxkeV=196	Flags=M,SA	
GRS	05:40:00						>10MeV=N		
BCS	05:36	05:42	06:31	CaPeak.c/s=3103	Qual=5	FePeak=05:42	dt=3.8s	XEN=414135	
FCS	05:36	05:44		Peak3...c/s=3888					
UVSP	05:36			Wave length=1526A	Code=00	Exp #=17693	Rast=10"x10"	Step=0"	Pitch=+156",Yaw=+822"
Radio	Frequency(MHz)/Flux(sfu):	245/85	410/230	606/15	1415/8	2695/40	4995/59	8800/82	15400/130
Event # = 7189									
84/05/20,06:06	DOY=141	Start	End times	SMM Pointing:	S13E87	Pitch=+213",Yaw=+924",Roll=0deg	H.Ang=87deg		
GOES	06:03	06:06	06:08	Importance=C8	Qual=01				
HXRBS	06:03:53	06:06:02	06:06:41	Peak...c/s=75	Qual=01	MaxkeV=48			
UVSP	05:51			Wave length=1526A	Code=00	Exp #=17695	Rast=10"x10"	Step=0"	Pitch=+156",Yaw=+837"
Event # = 7190									
84/05/20,06:20	DOY=141	Start	End times	SMM Pointing:	S13E87	Pitch=+213",Yaw=+924",Roll=0deg	H.Ang=87deg		
Optical				Ha...Class=SB	S11E61	Mac.=FK0	Carr.Lon.=351deg		
GOES	06:16	06:20	06:25	Importance=M1	Qual=01	MaxkeV=243			
HXRBS	06:17:36	06:19:35	06:22:12	Peak...c/s=1440	Qual=01	FePeak.c/s=98	#Peaks=1	dt=7.7s	XEN=414131
BCS	06:15	06:20	06:31	CaPeak.c/s=442	Qual=1	Rast=180"x180"	Cad=664s	2.048s/pixel	
FCS	06:21			Peak3...c/s=662		Rast=10"x10"	Pitch=+141",Yaw=+822"		
UVSP	06:07			Wave length=1526A	Code=00	Exp #=17697			
Radio	Type/Intensity:	V/1							
Radio	Frequency(MHz)/Flux(sfu):	245/480	410/560	606/58	1415/170	2695/78	4995/99	8800/150	15400/270
Event # = 7192									
84/05/20,07:12	DOY=141	Start	End times	SMM Pointing:	S13E87	Pitch=+213",Yaw=+924",Roll=0deg	H.Ang=87deg		
GOES	07:08	07:12	07:18	Importance=C2	Qual=05	MaxkeV=48			
HXRBS	07:15:20	07:16:06	07:16:24	Peak...c/s=72	Qual=01	FePeak.c/s=9	#Peaks=1	XEN=414106	
BCS	07:10	07:10	07:12	CaPeak.c/s=24	Qual=4	Rast=180"x180"	Cad=332s	1.024s/pixel	
FCS	07:11			Peak3...c/s=68		Rast=10"x10"	Step=0"	Pitch=+141",Yaw=+822"	
UVSP	07:11			Wave length=1526A	Code=00	Exp #=17701			
HXRBS	07:14:00	07:14:08	07:14:15	Associated	Event # = 7191	MaxkeV=48			
Event # = 7193									
84/05/20,08:03	DOY=141	Start	End times	SMM Pointing:	S13E87	Pitch=+213",Yaw=+924",Roll=0deg	H.Ang=87deg		
GOES	07:55	08:03	08:06	Importance=C2	Qual=03	MaxkeV=48			
HXRBS	07:57:09	07:58:32	07:59:47	Peak...c/s=115	Qual=01	FePeak.c/s=9	#Peaks=1	dt=7.7s	XEN=414107
BCS	07:59	08:03	08:06	CaPeak.c/s=42	Qual=3	Rast=180"x180"	Cad=664s	2.048s/pixel	
FCS	07:59	07:59		Peak3...c/s=57		Rast=10"x10"	Step=0"	Pitch=+186",Yaw=+822"	
UVSP	07:57			Wave length=1526A	Code=00	Exp #=17707			
Radio	Frequency(MHz)/Flux(sfu):	1415/17	2695/140						

Event # = 7194									
84/05/20, 09:06	Start	DOY=141	Peak	SMM Pointing:	S13E87	Pitch=+213", Yaw=+924", Roll=0deg	H. Ang=87deg		
Optical				Ha...Class=SF		Mac.=FK0			
GOES 08:54	09:06	09:16	End times	Importance=C8	AR4492				
GOES 08:55:09	08:58:23	09:06:28		Peak...c/s=152					
HXRBS 08:50	09:04	09:30		CaPeak.c/s=326					
UVSP 09:01				Wavelength=1526A					
				Code=00					
Event # = 7195									
84/05/20, 10:22	Start	DOY=141	Peak	SMM Pointing:	S13E87	Pitch=+213", Yaw=+924", Roll=0deg	H. Ang=87deg		
GOES 10:11	10:22	10:31	End times	Importance=C4					
HXRBS 10:17:20	10:19:59	10:23:24		Peak...c/s=201					
UVSP 10:19				Wavelength=1526A					
Radio				Code=00					
				4995/18					
Event # = 7196									
84/05/20, 11:20	Start	DOY=141	Peak	SMM Pointing:	S13E87	Pitch=+213", Yaw=+924", Roll=0deg	H. Ang=87deg		
Optical				Ha...Class=SN					
GOES 11:14	11:20	11:31	End times	Importance=C4	AR4492				
HXRBS 11:14:37	11:15:03	11:15:32		Peak...c/s=107					
BCS 11:11	11:11	11:12		CaPeak.c/s=19					
FCS 11:11	11:11			Peak3...c/s=17					
UVSP 11:06				Wavelength=1526A					
Radio				Code=01					
				4995/18					
Event # = 7197									
84/05/20, 11:59	Start	DOY=141	Peak	SMM Pointing:	S13E87	Pitch=+213", Yaw=+924", Roll=0deg	H. Ang=87deg		
GOES 11:49	11:59	12:03	End times	Importance=C3					
HXRBS 11:53:53	11:54:54	11:55:46		Peak...c/s=66					
UVSP 11:54				Wavelength=1526A					
				Code=00					
				Associated					
				Qual=01					
Event # = 7198									
84/05/20, 11:59	Start	DOY=141	Peak	SMM Pointing:	S13E87	Pitch=+213", Yaw=+924", Roll=0deg	H. Ang=87deg		
GOES 11:49	11:59	12:03	End times	Importance=C3					
HXRBS 11:53:53	11:54:54	11:55:46		Peak...c/s=66					
UVSP 11:54				Wavelength=1526A					
				Code=00					
				Associated					
				Qual=01					
Event # = 7199									
84/05/20, 11:59	Start	DOY=141	Peak	SMM Pointing:	S13E87	Pitch=+213", Yaw=+924", Roll=0deg	H. Ang=87deg		
GOES 11:49	11:59	12:03	End times	Importance=C3					
HXRBS 11:53:53	11:54:54	11:55:46		Peak...c/s=66					
UVSP 11:54				Wavelength=1526A					
				Code=00					
				Associated					
				Qual=01					
Event # = 7200									
84/05/20, 12:33	Start	DOY=141	Peak	SMM Pointing:	S13E87	Pitch=+213", Yaw=+924", Roll=0deg	H. Ang=87deg		
Optical				Ha...Class=SN					
GOES 12:26	12:33	12:37	End times	Importance=C1	AR4492				
GOES 12:33:23	12:33:51	12:34:10		Peak...c/s=196					
HXRBS 12:24				Wavelength=1526A					
UVSP 12:24				Code=00					
				Associated					
				Qual=01					
Event # = 7201									
84/05/20, 13:39	Start	DOY=141	Peak	SMM Pointing:	S12E54	Pitch=+178", Yaw=+754", Roll=0deg	H. Ang=55deg		
Optical				Code=EPL					
GOES 13:32	13:39	13:51	End times	Importance=C5					
GOES 13:32:14	13:35:46	13:42:16		Peak...c/s=621					
HXRBS 13:28				Wavelength=1524A					
UVSP 13:28				Code=00					
Radio				606/10 1415/20 2695/16 4995/8					

Event # = 7202									
84/05/20,15:16	DOY=141	Start	End times	SMM Pointing:	S12E53		Pitch=+177",Yaw=+744",Roll=0deg	H.Ang=54deg	
Optical	15:12	15:16	15:23	Ha...Class=SB	S09E54	AR4492	Mac.=FK0	Carr.Lon.=353deg	H.Ang=54deg
GOES	15:13:26	15:14:02	15:22:13	Importance=C7	Qual=01		MaxkeV=150	Flags=M,FS	
BXRBS	15:13	15:16	15:30	Peak...c/s=2958	Qual=01	Tot Cts=79356	FePeak.c/s=118	#Peaks=2	XEN=414132
FCS	15:25	15:25		CaPeak.c/s=551	Qual=1	FePeak=15:15	Rast=300"x300"	Step=10"	Cad= 922s 1.024s/pixel
UVSP	15:02			Peak3...c/s=623		Exp # = 17733	Rast=250"x250"	Step=10"	Pitch=+121",Yaw=+734"
Wavelength=1524A Code=00									
Event # = 20605									
84/05/20,15:58	DOY=141	Start	End times	SMM Pointing:	S12E53		Pitch=+177",Yaw=+744",Roll=0deg	H.Ang=54deg	
GOES	15:57	15:58	15:59	Importance=C1	Qual=02		FePeak.c/s=10	#Peaks=1	XEN=414117
BCS	15:57	15:57	15:58	CaPeak.c/s=18	Qual=1	FePeak=15:57	Rast=250"x250"	Step=10"	Pitch=+121",Yaw=+734"
UVSP	15:02			Wavelength=1524A	Code=00	Exp # = 17733			
Event # = 7203									
84/05/20,16:40	DOY=141	Start	End times	SMM Pointing:	S12E53		Pitch=+177",Yaw=+744",Roll=0deg	H.Ang=54deg	
GOES	16:37	16:40	16:46	Importance=C1	Qual=01		MaxkeV=48		
HXRBS	16:38:16	16:38:47	16:39:22	Peak...c/s=83	Qual=01		Rast=10"x10"	Step=0"	Pitch=+120",Yaw=+725"
UVSP	16:37			Wavelength=1524A	Code=00	Exp # = 17734			
Event # = 7204									
84/05/20,19:47	DOY=141	Start	End times	SMM Pointing:	S12E51		Pitch=+177",Yaw=+724",Roll=0deg	H.Ang=52deg	
Optical	19:42	19:47	19:50	Ha...Class=SN	S12E56	AR4492	Mac.=FK0	Carr.Lon.=349deg	H.Ang=56deg
GOES	19:44:09	19:44:24	19:45:16	Importance=C3	Qual=05		MaxkeV=48		
HXRBS	19:45	19:45	20:26	Peak...c/s=108	Qual=01	Tot Cts=1062	FePeak.c/s=30	#Peaks=3	XEN=414133
BCS	19:45	19:45		CaPeak.c/s=140	Qual=5	FePeak=19:45	Rast=10"x10"	Step=0"	Pitch=+120",Yaw=+708"
FCS	19:56			Peak3...c/s=21		Exp # = 17736			
UVSP	19:45			Wavelength=1524A	Code=00				
Event # = 7206									
84/05/20,20:20	DOY=141	Start	End times	SMM Pointing:	S12E51		Pitch=+177",Yaw=+724",Roll=0deg	H.Ang=52deg	
Optical	20:14	20:20	20:22	Ha...Class=SB	S11E58	AR4492	Mac.=FK0	Carr.Lon.=347deg	H.Ang=58deg
GOES	20:18:26	20:19:12	20:20:05	Importance=C2	Qual=01		MaxkeV=88		
HXRBS	20:18:26	20:19:12	20:20:05	Peak...c/s=357	Qual=01	Tot Cts=4423	Rast=10"x10"	Step=0"	Pitch=+120",Yaw=+708"
UVSP	19:45			Wavelength=1524A	Code=00	Exp # = 17736			
Radio	Frequency(MHz)/Flux(sfu):			1415/25 2695/13 4995/16					
HXRBS	20:14:56	20:15:22	20:15:56	Peak...c/s=63	Associated	Event # = 7205			
Qual=01									
Event # = 7207									
84/05/20,21:24	DOY=141	Start	End times	SMM Pointing:	S12E50		Pitch=+176",Yaw=+711",Roll=0deg	H.Ang=50deg	
GOES	21:20	21:24	21:26	Importance=C1	Qual=04		MaxkeV=67		
HXRBS	21:22:20	21:22:27	21:22:46	Peak...c/s=106	Qual=01	Tot Cts=355	Rast=10"x10"	Step=0"	Pitch=+104",Yaw=+699"
UVSP	21:20			Wavelength=1526A	Code=00	Exp # = 17738			



Event # = 7208					
84/05/20, 21:54	DOY=141	SMM Pointing:	S12E50	Pitch=+176", Yaw=+711", Roll=0deg	H. Ang=50deg
Start	Peak	End times			
Optical					
GOES	21:50	21:57	Ha...Class=S8	AR4492	Mac.=FK0
HXRBS	21:53:01	21:53:37	Importance=C5	Tot Cts=1.91E+5	Flags=M, FS
BCS	21:53	21:59	Peak...c/s=14690	FePeak.c/s=136	#Peaks=1
FCS	21:54		CaPeak.c/s=407	Rast=0"x0"	Step=0"
UVSP	21:52		Peak3...c/s=435	Code=00	Cad= 768s
Radio	Frequency (MHz)/Flux(sfu):		WaveLength=1526A	Exp #=17742	Pitch=+104", Yaw=+591"
			4995/24 8800/170 15400/180		
Event # = 7209					
84/05/20, 22:36	DOY=141	SMM Pointing:	S12E50	Pitch=+176", Yaw=+711", Roll=0deg	H. Ang=50deg
Start	Peak	End times			
Optical					
GOES	22:24	23:08	Ha...Class=28	AR4492	Mac.=FK0
HXRBS	22:53:11	23:26:03	Importance=X10	Tot Cts=52611	Flags=SN
BCS	22:53	00:41	Peak...c/s=223	FePeak.c/s=644	#Peaks=1
FCS	22:53		CaPeak.c/s=4672	Rast=420"x420"	XEN=414124
UVSP	22:54		Peak3...c/s=1607	Step=10"	Cad=1806s
Radio	Type/Intensity:		WaveLength=1526A	Step=15"	Pitch=+112", Yaw=+696"
Radio	Frequency (MHz)/Flux(sfu):		IV/2		
			245/8500 410/52000 606/57000 1415/4500 2695/14000 4995/24000 8800/29000 15400/20000		
84/05/21 DOY=142					
Event # = 7210					
84/05/21, 00:32	DOY=142	SMM Pointing:	S12E49	Pitch=+176", Yaw=+701", Roll=0deg	H. Ang=50deg
Start	Peak	End times			
GOES	00:32:30	00:32:45	Qual=00	Tot Cts=189	MaxkeV=48
HXRBS	00:32:30		Qual=01	Exp #=17752	Rast=10"x10"
UVSP					Step=0" Pitch=+224", Yaw=+635"
Event # = 7211					
84/05/21, 02:25	DOY=142	SMM Pointing:	S12E47	Pitch=+175", Yaw=+681", Roll=0deg	H. Ang=48deg
Start	Peak	End times			
Optical					
GOES	02:17	02:38	Ha...Class=SN	AR4492	Mac.=FK1
HXRBS	02:19:19	02:19:43	Importance=C7	Tot Cts=1.86E+6	Flags=SG, EG, DG, ND
GRS	02:19:00		Peak...c/s=23650	MaxkeV=150	#Peaks=1
BCS	02:21	02:21	CaPeak.c/s=78	>10MeV=N	XEN=414200
UVSP	02:21		WaveLength=1526A	FePeak.c/s=75	Pitch=+7", Yaw=+549"
Radio	Type/Intensity:		V/1	Step=0"	
Radio	Frequency (MHz)/Flux(sfu):		245/1300 410/370 606/1200 1415/1200 2695/880 4995/330 8800/87 15400/43		
			Associated Event # = 7216		
HXRBS	02:16:12	02:16:40	Peak...c/s=88	Exp #=17760	MaxkeV=48
UVSP	02:04		WaveLength=1526A	Rast=10"x10"	Step=0" Pitch=+133", Yaw=+581"

Event # = 7212  
84/05/21,03:25 Start DOY=142 Peak  
Optical S12E47 SMM Pointing: Pitch=+175",Yaw=+681",Roll=0deg H.Ang=48deg  
GOES 02:40 03:25 03:57 End times  
HXRS 04:10:55 04:11:33 04:12:09 Ha...Class=SN S11E69 H.Ang=69deg  
BCS 04:10 04:19 04:34 Peak...c/s=73 Qual=05 Carr.Lon.=332deg  
FCS 04:19 04:34 CaPeak.c/s=20 Qual=3 Tot Cts=393 MaxkeV=48  
UVSP 03:39 04:19 Peak3...c/s=49 FePeak=04:19 #Peaks=1 XEN=414218  
Radio Type/Intensity: Exp #=17767 Rast=265"x265" Step=15" Pitch=+111",Yaw=+668"  
Sweeps Wavelength=1526A  
Frequency(MHz)/Flux(sfu): 245/20 606/15 1415/150 2695/520 4995/580 8800/580 15400/410

Event # = 8323  
84/05/21,05:35 Start DOY=142 Peak  
Optical S12E46 SMM Pointing: Pitch=+174",Yaw=+669",Roll=0deg H.Ang=47deg  
GOES 05:35:06 05:35:08 05:35:12 Code=LPS N09W90 H.Ang=90deg  
HXRS 05:29 05:35:06 05:35:12 Peak...c/s=194 Qual=00 MaxkeV=67  
UVSP 05:29 05:35:06 05:35:12 Wavelength=1526A Qual=01 Rast=10"x10" Step=0" Pitch=+103",Yaw=+635"  
HXRS 08:19:50 08:20:01 08:20:08 Associated Event # = 7213  
UVSP 08:22 08:20:01 08:20:08 Qual=01 Tot Cts=130 MaxkeV=48  
HXRS 08:22 08:22:57 08:23:14 Wavelength=1526A Exp #=17791 Rast=265"x265" Step=15" Pitch=+110",Yaw=+638"  
UVSP 08:22 08:22:57 08:23:14 Associated Event # = 7214  
HXRS 08:22 08:22:57 08:23:14 Peak...c/s=90 Qual=01 Tot Cts=488 MaxkeV=48  
UVSP 08:22 08:22:57 08:23:14 Wavelength=1526A Exp #=17791 Rast=265"x265" Step=15" Pitch=+110",Yaw=+638"  
HXRS 08:44:24 08:44:31 08:45:05 Associated Event # = 7215  
UVSP 08:38 08:44:31 08:45:05 Peak...c/s=92 Qual=01 Tot Cts=435 MaxkeV=48  
HXRS 05:15:41 05:15:50 05:15:58 Associated Event # = 8322  
UVSP 05:13 05:15:50 05:15:58 Peak...c/s=107 Qual=01 Exp #=17794 Rast=10"x10" Step=0" Pitch=+222",Yaw=+585"  
Wavelength=1526A Exp #=17776 MaxkeV=67  
Flags=I  
Step=0" Pitch=+88",Yaw=+621"

Event # = 20606  
84/05/21,11:48 Start DOY=142 Peak  
Optical S12E42 SMM Pointing: Pitch=+173",Yaw=+622",Roll=0deg H.Ang=43deg  
GOES 11:35 11:48 11:52 End times  
HXRS 11:40 11:42 11:52 Ha...Class=SN S13E32 H.Ang=34deg  
BCS 11:40 11:42 11:52 Ha...Class=SF S11E55 H.Ang=55deg  
UVSP 11:32 11:42 11:52 Importance=C2 Qual=01 Carr.Lon.=341deg  
Radio Type/Intensity: FePeak=11:42 dt= 7.7s XEN=414201  
Wavelength=1526A Code=00 Exp #=17808 Rast=10"x10" Step=0" Pitch=+101",Yaw=+610"

Event # = 7217  
84/05/21,13:14 Start DOY=142 Peak  
GOES 13:13:58 13:14:36 13:16:01 SMM Pointing: Pitch=+173",Yaw=+611",Roll=0deg H.Ang=42deg  
HXRS 13:13:58 13:14:36 13:16:01 Peak...c/s=118 Qual=00  
UVSP 13:21 13:16:01 Wavelength=1526A Qual=01 Tot Cts=2587  
Exp #=17817 MaxkeV=129  
Rast=265"x265" Step=15" Pitch=+109",Yaw=+605"

Event # = 7218									
84/05/21,13:35	Start	DOY=142	End times	SMM Pointing:	S12E41	Pitch=+173",Yaw=+611",Roll=0deg	H.Ang=42deg		
Optical		Peak		Ha....Class=SN		Mac.=FKI	H.Ang=45deg		
GOES	13:24	13:35	13:59	Importance=C2	AR4492	MaxkeV=150			
HXRBS	13:25:09	13:26:38	13:35:24	Peak...c/s=1544	Tot Cts=49793	FePeak.c/s=16	Flags=FS		
BCS	13:26	13:32	13:57	CaPeak.c/s=88	FePeak=13:32	Rast=0"x0"	dt= 3.8s	XEN=414202	
FCS	13:37	13:37		Peak3...c/s=615	Qual= 1	Rast=10"x10"	Step=0"	Cad= 768s	768.Os/pixel
UVSP	13:21			Wave length=1526A	Code=00	Exp #=17818	Step=0"	Pitch=+101",Yaw=+583"	
Radio Sweeps		Type/Intensity:		111/1 V/1					
Radio	Frequency (MHz)/Flux(sfu):	245/41	410/46	606/26	1415/110	2695/18	4995/13	8800/40	15400/37
Event # = 7219									
84/05/21,14:05	Start	DOY=142	End times	SMM Pointing:	S12E41	Pitch=+173",Yaw=+611",Roll=0deg	H.Ang=42deg		
Optical		Peak		Ha....Class=1B		Mac.=FKI	H.Ang=44deg		
GOES	14:00	14:05	14:08	Importance=C9	AR4492	MaxkeV=48			
HXRBS	14:00:11	14:00:25	14:00:39	Peak...c/s=82	Qual=02	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=414205
BCS	13:58	14:00	14:00	CaPeak.c/s=26	Qual= 2	Rast=0"x0"	Step=0"	Cad= 768s	768.Os/pixel
FCS	13:51	13:58		Peak3...c/s=131	FePeak=14:00	Rast=10"x10"	Step=0"	Pitch=+101",Yaw=+580"	
UVSP	13:51			Wave length=1526A	Code=01	Exp #=17822			
Radio	Frequency (MHz)/Flux(sfu):	1415/11	2695/28	4995/36	8800/36	15400/86			
Event # = 20607									
84/05/21,15:10	Start	DOY=142	End times	SMM Pointing:	S12E40	Pitch=+174",Yaw=+599",Roll=0deg	H.Ang=41deg		
Optical		Peak		Importance=C1		FePeak.c/s=16	#Peaks=1	dt= 7.7s	XEN=414206
GOES	14:50	15:10	15:20	CaPeak.c/s=25	Qual=01	Rast=120"x60"	Step=15"	Cad=2998s	93.70s/pixel
BCS	14:55	15:00	15:18	Peak3...c/s=37	Qual= 3	Rast=10"x10"	Step=0"	Pitch=+162",Yaw=+528"	
FCS	14:55	15:16		Wave length=1526A	Code=00	Exp #=17826			
UVSP	14:55			Wave length=1526A	Code=00	Exp #=17826			
Radio	Frequency (MHz)/Flux(sfu):	2695/13							
Event # = 7220									
84/05/21,16:21	Start	DOY=142	End times	SMM Pointing:	S12E40	Pitch=+174",Yaw=+597",Roll=0deg	H.Ang=41deg		
Optical		Peak		Ha....Class=SN		Mac.=FKI	H.Ang=42deg		
GOES	16:10	16:21	16:24	Importance=C8	AR4492	MaxkeV=67	Flags=EG		
HXRBS	16:13:08	16:20:47	16:24:20	Peak...c/s=632	Tot Cts=1.29E+5	FePeak.c/s=18	#Peaks=3	dt= 3.8s	XEN=414207
BCS	16:12	16:25	16:52	CaPeak.c/s=166	FePeak=16:18	Rast=420"x420"	Step=10"	Cad=1806s	1.02s/pixel
FCS	16:33	16:33		Peak3...c/s=449	Qual= 7	Rast=10"x10"	Step=0"	Pitch=+162",Yaw=+564"	
UVSP	16:15			Wave length=1526A	Code=00	Exp #=17832			
Radio Sweeps		Type/Intensity:		V/1					
Event # = 7221									
84/05/21,16:32	Start	DOY=142	End times	SMM Pointing:	S12E40	Pitch=+174",Yaw=+597",Roll=0deg	H.Ang=41deg		
Optical		Peak		Importance=C4		MaxkeV=48	Flags=SG		
GOES	16:30	16:32	16:39	Peak...c/s=114	Qual=01	Rast=10"x10"	Step=0"	Pitch=+162",Yaw=+564"	
HXRBS	16:32:15	16:32:19	16:33:36	Wave length=1526A	Code=01	Tot Cts=1568			
UVSP	16:15				Qual=02	Exp #=17832			

Event # = 7222									
84/05/21,16:46	Start	DOY=142	End times	SMM Pointing:	S12E39	Pitch=+174", Yaw=+587", Roll=0deg	H.Ang=40deg		
Optical		Peak		Ha...Class=SN					
GOES	16:39	16:46	16:49	Importance=C3	S08E42	Mac.=FKI	H.Ang=42deg		
HXRBS	16:41:00	16:45:59	16:46:47	Peak...c/s=176	Qual=01				
UVSP	16:45			Wave length=1526A	Code=00	MaxkeV=67			
						Rast=265"x265"	Pitch=+109", Yaw=+582"		
						Step=15"			
Event # = 7224									
84/05/21,17:47	Start	DOY=142	End times	SMM Pointing:	S12E39	Pitch=+174", Yaw=+587", Roll=0deg	H.Ang=40deg		
Optical		Peak		Ha...Class=1B					
GOES	17:42	17:47	17:52	Importance=C8	S08E42	Mac.=FKI	H.Ang=42deg		
HXRBS	17:46:33	17:46:44	17:50:51	Peak...c/s=414	Qual=05				
UVSP	17:52			Wave length=1526A	Code=02	MaxkeV=150			
Radio		Type/Intensity:		Wave length=1526A		Rast=265"x265"	Pitch=+143", Yaw=+605"		
Radio		Frequency(MHz)/Flux(sfu):		111/1		Step=15"			
				245/42 410/15 606/17 1415/100 2695/40 4995/38 8800/110 15400/59					
Event # = 7225									
84/05/21,18:11	Start	DOY=142	End times	SMM Pointing:	S14E42	Pitch=+207", Yaw=+611", Roll=0deg	H.Ang=43deg		
Optical		Peak		Ha...Class=1B					
GOES	17:57	18:11	18:27	Importance=M1	S06E42	Mac.=FKI	H.Ang=42deg		
HXRBS	17:57:34	18:05:37	18:20:19	Peak...c/s=1286	Qual=01				
BCS	17:46	18:10	18:27	CaPeak.c/s=1113	Qual= 1				
FCS	18:19			Peak3...c/s=2091					
UVSP	18:08			Wave length=1526A	Code=00	MaxkeV=150			
Radio		Type/Intensity:		Wave length=1526A		FePeak.c/s=220	#Peaks=2 dt= 7.7s	XEN=414208	
Radio		Frequency(MHz)/Flux(sfu):		V/3		Rast=420"x420"	Cad=1806s	1.024s/pixel	
				245/3800 410/59 606/19 1415/220 2695/140 4995/24 8800/18 15400/15		Rast=10"x10"	Step=0"	Pitch=+165", Yaw=+507"	
Event # = 7226									
84/05/21,19:44	Start	DOY=142	End times	SMM Pointing:	S14E41	Pitch=+206", Yaw=+600", Roll=0deg	H.Ang=42deg		
Optical		Peak		Ha...Class=SN					
GOES	19:38	19:44	19:50	Importance=C4	S08E41	Mac.=FKI	H.Ang=41deg		
HXRBS	19:38:29	19:38:52	19:41:37	Peak...c/s=88	Qual=01				
BCS	19:21	20:01	20:03	CaPeak.c/s=205	Qual= 3				
FCS	19:56			Peak3...c/s=740		MaxkeV=48			
Radio		Type/Intensity:		111/1		FePeak.c/s=20	#Peaks=3 dt= 7.7s	XEN=414216	
HXRBS	19:49:35	19:57:45	20:02:33	Associated Event # = 8324	Qual=01	MaxkeV=48	Flags=I		
				11/1 111/2 V/2					
Event # = 20608									
84/05/21,20:23	Start	DOY=142	End times	SMM Pointing:	S14E41	Pitch=+206", Yaw=+600", Roll=0deg	H.Ang=42deg		
Optical		Peak		Ha...Class=2B					
GOES	20:15	20:23	20:41	Importance=X2	S08E41	Mac.=FKI	H.Ang=41deg		
BCS	20:55	20:56	23:18	CaPeak.c/s=533	S10E47		H.Ang=47deg		
FCS	21:16			Peak3...c/s=615	Qual=05				
UVSP	21:14			Wave length=1526A	Qual= 5	FePeak.c/s=40	#Peaks=2	XEN=414209	
Radio		Type/Intensity:		11/1 111/2 V/2		Rast=420"x420"	Step=10"	Cad=1806s	1.024s/pixel
Radio		Frequency(MHz)/Flux(sfu):		245/120 410/220 606/390 1415/230 2695/270 4995/320 8800/810 15400/1400		Rast=265"x265"	Step=15"	Pitch=+143", Yaw=+583"	

84/05/22		DOY=143					
Event # = 20650							
84/05/22,00:39	Start	DOY=143	SMM Pointing:	S14E38	Pitch=+205",Yaw=+569",Roll=0deg	H.Ang=40deg	
GOES	00:14	00:39	End times	Qual=00			
BCS	00:37			Qual=1	FePeak.c/s=8	#Peaks=1	XEN=414300
UVSP					Rast=10"x10"	Step=0"	Pitch=+224",Yaw=+447"
Event # = 20609							
84/05/22,02:56	Start	DOY=143	SMM Pointing:	S14E37	Pitch=+206",Yaw=+557",Roll=0deg	H.Ang=39deg	
Optical					Mac.=FAI	Carr.Lon.=357deg	
GOES	02:49	02:56	End times	S09E31			
BCS	03:13	03:14		Qual=05	FePeak.c/s=10	#Peaks=1	XEN=414312
FCS	03:15	03:15		Qual=5	Rast=0"x0"	Step=0"	Cad=3840s
UVSP					Rast=265"x265"	Step=15"	Pitch=+141",Yaw=+540"
Radio							
Frequency(MHz)/Flux(sfu):							
Event # = 20610							
84/05/22,04:41	Start	DOY=143	SMM Pointing:	S14E36	Pitch=+205",Yaw=+546",Roll=0deg	H.Ang=38deg	
Optical					Mac.=FAI	Carr.Lon.=350deg	
GOES	04:38	04:41	End times	S08E37			
BCS	04:48	04:48		Qual=05	FePeak.c/s=8	#Peaks=1	XEN=414313
FCS	04:50	04:50		Qual=5	Rast=0"x0"	Step=0"	Cad=3840s
UVSP					Rast=265"x265"	Step=15"	Pitch=+141",Yaw=+529"
Radio							
Frequency(MHz)/Flux(sfu):							
Event # = 7229							
84/05/22,05:06	Start	DOY=143	SMM Pointing:	S14E35	Pitch=+205",Yaw=+534",Roll=0deg	H.Ang=37deg	
Optical					Mac.=FAI	Carr.Lon.=354deg	
GOES	05:01	05:06	End times	S09E32			
HXRBS	05:06:02	05:06:10		Qual=01	MaxkeV=108		
BCS	05:05	05:05		Qual=1	FePeak.c/s=8	#Peaks=2	XEN=414318
UVSP	05:06	05:06		Qual=02	Rast=10"x10"	Step=0"	Pitch=+223",Yaw=+430"
HXRBS	05:05:18	05:05:38	End times	Associated	MaxkeV=67		
UVSP	05:04	05:04		Qual=01	Rast=265"x265"	Step=15"	Pitch=+141",Yaw=+527"
Event # = 8326							
84/05/22,06:38	Start	DOY=143	SMM Pointing:	S14E35	Pitch=+205",Yaw=+523",Roll=0deg	H.Ang=36deg	
Optical					Mac.=FAI	Carr.Lon.=350deg	
GOES	06:26	06:38	End times	S08E36			
HXRBS	06:29:50	06:31:25		Qual=01	MaxkeV=196	Flags=I	
BCS	06:22	06:38		Qual=1	FePeak.c/s=424	#Peaks=1	dt= 7.7s
FCS	06:23	06:23		Qual=1	Rast=0"x0"	Step=0"	Cad=3840s
UVSP					Rast=10"x10"	Step=0"	Pitch=+88",Yaw=+435"
Radio							
Frequency(MHz)/Flux(sfu):							



Event # = 7232	DOY=143	SMM Pointing:	S14E30	Pitch=+205", Yaw=+462", Roll=0deg	H. Ang=32deg
84/05/22, 15:03	Peak	End times			
Optical		Ha...Class=2B	S09E24	Mac.=FAI	H. Ang=25deg
GOES 14:50	15:03	Importance=M6	Qual=03		
HXRBS 14:52:07	15:12:11	Peak...c/s=8748	Qual=03	Tot Cts=1.72E+6	Flags=M, EN, FS
GRS 14:57:00	15:01	CaPeak.c/s=3152	Qual= 1	FePeak=15:00	XEN=414334
BCS 14:52	15:11	Peak3...c/s=1810	Code=00	Exp #=17937	Cad= 922s 1.024s/pixel
FCS		Wavelength=1526A		Rast=10"x10"	Pitch=+163", Yaw=+386"
UVSP 15:02		IV/2			
Radio Sweeps		Type/Intensity:			
Radio Frequency(MHz)/Flux(sfu):		245/690 410/190 606/250 1415/250 2695/560 4995/730 8800/690 15400/470			
Event # = 7233	DOY=143	SMM Pointing:	S14E29	Pitch=+205", Yaw=+452", Roll=0deg	H. Ang=32deg
84/05/22, 15:57	Peak	End times			
GOES		Qual=00			
HXRBS 15:57:39	15:58:30	Peak...c/s=66	Qual=01	MaxkeV=48	
UVSP 15:52		Wavelength=1526A		Rast=10"x10"	Pitch=+178", Yaw=+365"
Exp #=17939					
Event # = 7234	DOY=143	SMM Pointing:	S14E29	Pitch=+205", Yaw=+452", Roll=0deg	H. Ang=32deg
84/05/22, 16:03	Peak	End times			
GOES		Qual=00			
HXRBS 16:03:45	16:04:52	Peak...c/s=77	Qual=01	MaxkeV=48	
UVSP 15:52		Wavelength=1526A		Rast=10"x10"	Pitch=+178", Yaw=+365"
Exp #=17939					
Event # = 20641	DOY=143	SMM Pointing:	S14E29	Pitch=+205", Yaw=+452", Roll=0deg	H. Ang=32deg
84/05/22, 16:28	Peak	End times			
GOES		Importance=C2	Qual=02		
BCS 16:23	16:27	CaPeak.c/s=29	Qual= 2	FePeak=16:27	XEN=414337
UVSP 16:06		Wavelength=1526A	Code=01	Rast=10"x10"	Pitch=+88", Yaw=+378"
Exp #=17941					
Event # = 7235	DOY=143	SMM Pointing:	S14E29	Pitch=+205", Yaw=+440", Roll=0deg	H. Ang=31deg
84/05/22, 17:40	Peak	End times			
Optical		Ha...Class=1N	S14E53	Mac.=AXX	H. Ang=54deg
Optical		Ha...Class=SF	S09E23	Carr. Lon.=327deg	H. Ang=24deg
GOES 17:34	17:40	Importance=C1	Qual=01		
HXRBS 17:44:07	17:44:20	Peak...c/s=93	Qual=01	MaxkeV=48	
BCS 17:38	17:39	CaPeak.c/s=19	Qual= 1	FePeak=17:38	XEN=414338
UVSP 17:26		Wavelength=1526A	Code=00	Rast=10"x10"	Pitch=+223", Yaw=+323"
Exp #=17945					
84/05/23	DOY=144	SMM Pointing:	S14E24	Pitch=+204", Yaw=+378", Roll=0deg	H. Ang=27deg
84/05/23, 01:46	Peak	End times			
GOES		Importance=B5	Qual=01		
HXRBS 01:43	01:46	Peak...c/s=99	Qual=01		
Radio Frequency(MHz)/Flux(sfu):		410/100 606/18 8800/7 15400/13			

Event # = 7237									
84/05/23, 02:59	DOY=144	Start	End times	SMM Pointing:	S14E23	Pitch=+203", Yaw=+365", Roll=0deg	H. Ang=26deg		
Optical				Ha...Class=SN	S08E18	Mac.=FHI	Carr. Lon.=356deg	H. Ang=19deg	
GOES 02:54	02:59	03:04		Importance=C1	Qual=01				
HXRBS 02:56:23	02:56:47	02:57:34		Peak...c/s=128	Qual=01				
BCS 02:57	02:58	03:02		CaPeak.c/s=59	Qual=1				
FCS	02:57			Peak3...c/s=21					
UVSP 03:21				Wavelength=1524A					
Radio	Frequency(MHz)/Flux(sfu):			410/28 606/60 2695/4 4995/9 8800/15 15400/6					
Event # = 7238									
84/05/23, 05:12	DOY=144	Start	End times	SMM Pointing:	S14E22	Pitch=+203", Yaw=+347", Roll=0deg	H. Ang=25deg		
Optical				Ha...Class=1B	S08E24	Mac.=FHI	Carr. Lon.=349deg	H. Ang=25deg	
GOES 05:00	05:12	05:21		Importance=M1	Qual=01				
HXRBS 05:09:17	05:11:12	05:17:41		Peak...c/s=5875	Qual=01				
BCS 04:51	05:12	05:22		CaPeak.c/s=1409	Qual=1				
FCS	05:17			Peak3...c/s=26					
UVSP 04:57				Wavelength=1526A	Code=00				
Radio	Frequency(MHz)/Flux(sfu):			245/75 410/830 606/140 1415/86 2695/84 4995/340 8800/200 15400/230					
Event # = 7239									
84/05/23, 06:03	DOY=144	Start	End times	SMM Pointing:	S14E22	Pitch=+203", Yaw=+347", Roll=0deg	H. Ang=25deg		
GOES				Qual=00					
HXRBS 06:03:36	06:03:47	06:04:12		Peak...c/s=63	Qual=01				
UVSP 06:01				Wavelength=1526A					
Radio	Sweeps	Type/Intensity:		III/1					
Event # = 7240									
84/05/23, 11:26	DOY=144	Start	End times	SMM Pointing:	S14E19	Pitch=+204", Yaw=+300", Roll=0deg	H. Ang=22deg		
GOES	11:20	11:30		Importance=B5	Qual=01				
HXRBS 11:22:04	11:22:36	11:22:55		Peak...c/s=99	Qual=01				
UVSP 11:16				Wavelength=1526A	Code=00				
Event # = 7241									
84/05/23, 12:18	DOY=144	Start	End times	SMM Pointing:	S14E18	Pitch=+203", Yaw=+286", Roll=0deg	H. Ang=22deg		
Optical				Ha...Class=SN	S12E12	Mac.=FHI	Carr. Lon.=357deg	H. Ang=16deg	
GOES 12:14	12:18	12:28		Importance=C2	Qual=04				
HXRBS 12:16:38	12:17:28	12:20:29		Peak...c/s=170	Qual=01				
BCS 12:16	12:20	12:32		CaPeak.c/s=122	Qual=4				
FCS	12:28			Peak3...c/s=558					
UVSP 12:18				Wavelength=1526A	Code=02				
Radio	Frequency(MHz)/Flux(sfu):			4995/19 8800/48 15400/19					
Event # = 7242									
84/05/23, 12:57	DOY=144	Start	End times	SMM Pointing:	S14E18	Pitch=+203", Yaw=+286", Roll=0deg	H. Ang=22deg		
GOES	12:51	12:57		Importance=C1	Qual=01				
HXRBS 12:52:43	12:53:37	12:55:02		Peak...c/s=76	Qual=01				
BCS 12:51	12:53	13:01		CaPeak.c/s=22	Qual=1				
UVSP 12:49				Wavelength=1526A	Code=00				
Radio	Frequency(MHz)/Flux(sfu):			245/99					
Event # = 7243									
84/05/23, 13:01	DOY=144	Start	End times	SMM Pointing:	S14E18	Pitch=+203", Yaw=+286", Roll=0deg	H. Ang=22deg		
GOES	13:01	13:07		Importance=C1	Qual=01				
HXRBS 13:02:43	13:03:37	13:05:02		Peak...c/s=76	Qual=01				
BCS 13:01	13:03	13:07		CaPeak.c/s=22	Qual=1				
UVSP 13:01				Wavelength=1526A	Code=00				
Radio	Frequency(MHz)/Flux(sfu):			245/99					



Event # = 7243									
84/05/23, 23:52	Start	DOY=144	End times	SMM Pointing:	S14E11	Pitch=+204", Yaw=+177", Roll=0deg	H. Ang=17deg		
Optical		Peak		Ha...Class=1B		Mac.=FHI	H. Ang=10deg		
G0ES	23:43	23:52	00:01	Importance=C5	AR4492				
HXRBS	23:45:15	23:46:24	23:52:14	Peak...c/s=175		MaxkeV=67			
BCS	23:31	23:50	00:11	CaPeak.c/s=138	Tot Cts=12366	FePeak.c/s=36	dt= 3.8s	XEN=414414	
FCS		23:54		Peak3...c/s=78	Qual=1	Rast=0"x0"	Step=0"	768.0s/pixel	
Radio Sweeps									
Radio	Frequency (MHz)	Type/Intensity:	245/340	410/150	606/140	1415/13	2695/12		
84/05/24 DOY=145									
Event # = 7249									
84/05/24, 05:39	Start	DOY=145	End times	SMM Pointing:	S14E08	Pitch=+202", Yaw=+125", Roll=0deg	H. Ang=14deg		
Optical		Peak		Ha...Class=SF		Mac.=FA0	H. Ang=15deg		
G0ES	05:37	05:39	05:41	Importance=B9	AR4492				
HXRBS	05:37:38	05:37:51	05:38:15	Peak...c/s=186		MaxkeV=67	Flags=I		
BCS	05:38	05:38	05:39	CaPeak.c/s=20	Tot Cts=3523	FePeak.c/s=10	#Peaks=1	XEN=414500	
FCS		05:38		Peak3...c/s=77	Qual=1	Rast=180"x180"	Step=10"	332s	1.024s/pixel
Radio Frequency (MHz)/Flux(sfu): 4995/6 8800/37 15400/20									
Event # = 8329									
84/05/24, 05:51	Start	DOY=145	End times	SMM Pointing:	S14E08	Pitch=+202", Yaw=+125", Roll=0deg	H. Ang=14deg		
G0ES	05:49	05:51	06:00	Importance=B9		MaxkeV=48	Flags=I		
HXRBS	05:50:17	05:50:55	05:52:33	Peak...c/s=75	Tot Cts=7055				
Event # = 20615									
84/05/24, 06:25	Start	DOY=145	End times	SMM Pointing:	S14E07	Pitch=+204", Yaw=+115", Roll=0deg	H. Ang=14deg		
Optical		Peak		Ha...Class=SF		Mac.=FA0	H. Ang=11deg		
G0ES	06:22	06:25	06:29	Importance=C1	AR4492				
BCS	06:22	06:25	06:26	CaPeak.c/s=25		FePeak.c/s=9	#Peaks=2	dt= 7.7s	XEN=414501
FCS		06:25		Peak3...c/s=47	FePeak=06:25	Rast=180"x180"	Step=10"	Cad= 664s	2.048s/pixel
Event # = 20616									
84/05/24, 10:22	Start	DOY=145	End times	SMM Pointing:	S14E05	Pitch=+203", Yaw=+79", Roll=0deg	H. Ang=13deg		
Optical		Peak		Ha...Class=IN		Mac.=FA0	H. Ang=11deg		
G0ES	10:22	10:22	10:29	CaPeak.c/s=21	AR4492				
BCS		10:22			FePeak=10:22	FePeak.c/s=11	#Peaks=1	XEN=414502	
Event # = 7250									
84/05/24, 12:49	Start	DOY=145	End times	SMM Pointing:	S14E04	Pitch=+203", Yaw=+66", Roll=0deg	H. Ang=13deg		
Optical		Peak		Ha...Class=SN		Mac.=FA0	H. Ang=10deg		
G0ES	12:44	12:49	12:53	Importance=C1	AR4492				
HXRBS	12:46:53	12:47:31	12:49:58	Peak...c/s=284		MaxkeV=88	#Peaks=1	dt= 3.8s	XEN=414504
BCS	12:47	12:49	12:50	CaPeak.c/s=63	Tot Cts=6408	FePeak.c/s=23	Step=10"	Cad= 664s	2.048s/pixel
FCS		12:48		Peak3...c/s=28	FePeak=12:49	Rast=180"x180"			
Radio Frequency (MHz)/Flux(sfu): 4995/24 8800/120 15400/69									

Event # = 7251									
84/05/24, 14:10	DOY=145	Peak	End times	SMM Pointing:	S14E03	Pitch=+203", Yaw=+52", Roll=0deg	H. Ang=13deg		
GOES 14:07	14:10		14:12	Importance=87	Qual=01				
HXRBS 14:09:09	14:09:22	14:10:14		Peak...c/s=61	Qual=01				
Maxkev=48									
84/05/25 DOY=146									
Event # = 7252									
84/05/25, 02:23	DOY=146	Peak	End times	SMM Pointing:	S14W06	Pitch=+206", Yaw=-102", Roll=0deg	H. Ang=14deg		
GOES 02:23:05	02:23:17	02:23:27		Peak...c/s=79	Qual=00				
HXRBS 02:20				Wavelength=1524A	Qual=01				
Exp # = 18043									
Maxkev=48									
Rast=30"x30" Step=0" Pitch=+104", Yaw=-71"									
Event # = 7269									
84/05/25, 04:26	DOY=146	Peak	End times	SMM Pointing:	S14W07	Pitch=+206", Yaw=-116", Roll=0deg	H. Ang=14deg		
Optical 04:19	04:26	04:29		Ha...Class=1N	S08W03	Mac.=FAI			
GOES 04:21:19	04:23:06	04:24:00		Importance=C2	Qual=01	Carr. Lon.=350deg	H. Ang=7deg		
HXRBS 04:22	04:26	04:31		Peak...c/s=614	Qual=01				
BCS 04:22	04:26	04:31		CaPeak.c/s=116	Qual=1				
FCS 04:25	04:29			Peak3...c/s=85					
UVSP 04:25				Wavelength=1524A	Code=00				
Frequency (MHz)/Flux(sfu): 4995/12 8800/10									
Associated Event # = 7270									
HXRBS 04:24:25	04:25:22	04:26:36		Peak...c/s=166	Qual=01				
UVSP 04:11				Wavelength=1524A					
Maxkev=67									
Rast=30"x30" Step=0" Pitch=+104", Yaw=-87"									
Event # = 7271									
84/05/25, 07:11	DOY=146	Peak	End times	SMM Pointing:	S14W09	Pitch=+206", Yaw=-144", Roll=0deg	H. Ang=15deg		
Optical 06:59	07:11	07:16		Ha...Class=SF	S06W04	Mac.=DSO			
GOES 07:15:43	07:15:52	07:15:59		Importance=B9	Qual=01	Carr. Lon.=350deg	H. Ang=6deg		
HXRBS 07:05				Peak...c/s=69	Qual=01				
UVSP 07:05				Wavelength=1524A	Code=00				
Step=0" Pitch=+74", Yaw=-203"									
Event # = 7272									
84/05/25, 08:42	DOY=146	Peak	End times	SMM Pointing:	S14W10	Pitch=+206", Yaw=-158", Roll=0deg	H. Ang=16deg		
Optical 08:37	08:42	09:03		Ha...Class=SB	S07W07	Mac.=FAI			
GOES 08:38:37	08:39:57	08:45:10		Importance=M1	Qual=01	Carr. Lon.=352deg	H. Ang=9deg		
HXRBS 08:39				Peak...c/s=1882	Qual=01				
UVSP 08:39				Wavelength=1524A	Code=00				
Frequency (MHz)/Flux(sfu): 410/22 606/27 1415/71 2695/46 4995/84 8800/130 15400/94									
Associated Event # = 7273									
HXRBS 08:45:23	08:47:17	08:51:56		Peak...c/s=519	Qual=01				
Maxkev=129									
Event # = 7274									
84/05/25, 15:03	DOY=146	Peak	End times	SMM Pointing:	S14W13	Pitch=+206", Yaw=-212", Roll=0deg	H. Ang=18deg		
Optical 14:55	15:03	15:19		Ha...Class=1N	S12W20	Mac.=FAI			
GOES 14:59:40	15:00:06	15:01:00		Importance=C3	Qual=03	Carr. Lon.=1deg	H. Ang=23deg		
HXRBS 14:57	15:02	15:12		Peak...c/s=89	Qual=01				
BCS 14:57	15:02	15:12		CaPeak.c/s=90	Qual=1				
FCS 14:57	15:02	15:12		Peak3...c/s=30					
Type/Intensity: V/1									
Radio Sweeps									
Maxkev=48									
FePeak.c/s=21 #Peaks=2 dt= 3.8s XEN=414602									
Rast=420"x420" Step=10" Cad=1806s 1.024s/pixel									

Event # = 7275									
84/05/25,16:35		DOY=146		SMM Pointing:		S14W14		Pitch=+206", Yaw=-224", Roll=0deg	
Start		Peak		End times		Qual=00		H.Ang=19deg	
G0ES		16:35:26		16:35:40		16:35:52		MaxkeV=48	
HXRBS		16:35:26		16:35:40		16:35:52		Tot Cts=196	
Event # = 7276									
84/05/25,20:02		DOY=146		SMM Pointing:		S14W16		Pitch=+203", Yaw=-250", Roll=0deg	
Start		Peak		End times		Qual=00		H.Ang=20deg	
Optical		19:56		20:02		20:09		Mac.=DSO	
G0ES		19:56		20:02		20:09		Carr.Lon.=339deg	
HXRBS		19:57:15		19:58:10		19:59:17		H.Ang=6deg	
BCS		19:59		20:01		20:01		MaxkeV=67	
FCS		20:00		20:00		20:00		Flags=EG	
Radio		Frequency(MHz)/Flux(sfu):		2695/20		4995/18		#Peaks=1	
								dt= 7.7s	
								XEN=414603	
								768.0s/pixel	
Event # = 8325									
84/05/25,21:33		DOY=146		SMM Pointing:		S14W17		Pitch=+207", Yaw=-270", Roll=0deg	
Start		Peak		End times		Qual=01		H.Ang=21deg	
Optical		21:26		21:33		21:39		Mac.=FAI	
G0ES		21:26		21:33		21:39		Carr.Lon.=2deg	
HXRBS		21:29:53		21:30:16		21:31:08		H.Ang=26deg	
BCS		21:29		21:32		21:40		MaxkeV=67	
FCS		21:30		21:30		21:30		Flags=I	
Radio		Type/Intensity:		111/2		V/2		#Peaks=1	
								dt= 7.7s	
								XEN=414604	
								768.0s/pixel	
84/05/26 DOY=147									
Event # = 7277									
84/05/26,01:46		DOY=147		SMM Pointing:		S14W19		Pitch=+207", Yaw=-306", Roll=0deg	
Start		Peak		End times		Qual=01		H.Ang=23deg	
Optical		01:42		01:46		01:56		Mac.=FKI	
G0ES		01:42		01:46		01:56		Carr.Lon.=357deg	
HXRBS		01:43:38		01:44:15		01:46:02		H.Ang=25deg	
BCS		01:44		01:45		01:53		MaxkeV=48	
FCS		01:46		01:46		01:46		#Peaks=2	
								XEN=414700	
								1.024s/pixel	
Event # = 7278									
84/05/26,12:48		DOY=147		SMM Pointing:		S14W25		Pitch=+208", Yaw=-396", Roll=0deg	
Start		Peak		End times		Qual=00		H.Ang=28deg	
G0ES		12:47:25		12:48:13		12:50:31		MaxkeV=108	
HXRBS		12:47:25		12:48:13		12:50:31		Flags=AX	
Event # = 7279									
84/05/26,13:25		DOY=147		SMM Pointing:		S14W25		Pitch=+208", Yaw=-396", Roll=0deg	
Start		Peak		End times		Qual=01		H.Ang=28deg	
Optical		13:13		13:25		13:33		Mac.=FKI	
G0ES		13:13		13:25		13:33		Carr.Lon.=360deg	
HXRBS		13:15:26		13:19:04		13:24:57		H.Ang=33deg	
BCS		13:16		13:23		13:38		MaxkeV=67	
FCS		13:30		13:30		13:30		#Peaks=1	
UVSP		14:25		14:25		14:25		dt= 3.8s	
Radio		Frequency(MHz)/Flux(sfu):		245/130		410/27		XEN=414703	
								Pitch=+144", Yaw=-415"	
								15400/16	

Event # = 7280												
84/05/26,18:01	DOY=147	SMM Pointing:		S14W28	Pitch=+208", Yaw=-432", Roll=0deg		H. Ang=30deg					
Goes	Start	End times										
17:55	18:01	18:10										
HXRBS	17:57:37	17:58:51	Importance=C1	Qual=03								
UVSP	17:58	17:59:30	Peak...c/s=130	Qual=03								
Radio Sweeps	Type/Intensity:		WaveLength=1524A	Code=01	Tot Cts=2218	MaxkeV=88	Flags=ES					
			III/2		Exp #=18117	Rast=30"x30"	Step=0"	Pitch=+92", Yaw=-420"				
Event # = 20618												
84/05/26,19:10	DOY=147	SMM Pointing:		S14W29	Pitch=+209", Yaw=-446", Roll=0deg		H. Ang=31deg					
Optical	Start	End times										
Optical			Ha...Class=SN	S10W22								
Goes	19:07	19:10	Ha...Class=SN	S14W12	AR4492	Mac.=FKI	Carr. Lon.=348deg	H. Ang=24deg				
BCS	19:08	19:14	Importance=C2	Qual=01	AR4494	Carr. Lon.=338deg	H. Ang=17deg					
FCS	19:08	19:14	CaPeak.c/s=38	Qual=1								
UVSP	19:00	19:08	Peak3...c/s=25	Qual=1	FePeak=19:09	#Peaks=2	dt= 7.7s	XEN=414702				
			WaveLength=1524A	Code=00	Rast=420"x420"	Step=10"	Cad=1806s	1.024s/pixel				
					Exp #=18119	Rast=30"x30"	Step=0"	Pitch=+212", Yaw=-473"				
Event # = 7281												
84/05/26,19:24	DOY=147	SMM Pointing:		S14W29	Pitch=+209", Yaw=-446", Roll=0deg		H. Ang=31deg					
Optical	Start	End times										
Optical			Ha...Class=SN	S08W23								
Goes	19:21	19:24	Ha...Class=SN	S14W12	AR4492	Mac.=FKI	Carr. Lon.=349deg	H. Ang=24deg				
HXRBS	19:23:02	19:23:33	Importance=C2	Qual=01	AR4494	Carr. Lon.=338deg	H. Ang=17deg					
UVSP	19:16	19:23:57	Peak...c/s=114	Qual=01								
			WaveLength=1524A	Code=00	Tot Cts=799	MaxkeV=48						
					Exp #=18121	Rast=30"x30"	Step=0"	Pitch=+92", Yaw=-430"				
Event # = 7282												
84/05/27,10:01	DOY=148	SMM Pointing:		S14W37	Pitch=+210", Yaw=-552", Roll=0deg		H. Ang=39deg					
Goes	Start	End times										
HXRBS	10:01:09	10:01:49	Peak...c/s=70	Qual=00								
UVSP	09:56	10:02:51	WaveLength=1524A	Qual=01								
					Exp #=18193	MaxkeV=48						
						Rast=30"x30"	Step=0"	Pitch=+93", Yaw=-554"				
Event # = 7283												
84/05/27,15:55	DOY=148	SMM Pointing:		S14W40	Pitch=+211", Yaw=-596", Roll=0deg		H. Ang=42deg					
Optical	Start	End times										
Goes	15:50	15:55	Ha...Class=SN	S11W44								
HXRBS	15:52:42	15:52:49	Importance=B4	Qual=01	AR4492	Mac.=FH0	Carr. Lon.=358deg	H. Ang=45deg				
UVSP	15:43	15:53:14	Peak...c/s=155	Qual=01								
			WaveLength=1524A	Code=01	Tot Cts=649	MaxkeV=48						
					Exp #=18217	Rast=30"x30"	Step=0"	Pitch=+94", Yaw=-594"				
Event # = 20619												
84/05/29,00:40	DOY=150	SMM Pointing:		S14W58	Pitch=+216", Yaw=-782", Roll=0deg		H. Ang=59deg					
Optical	Start	End times										
Goes	00:30	00:40	Ha...Class=SF	S12W58								
BCS	00:37	00:40	Importance=C1	Qual=01	AR4492	Mac.=CA0	Carr. Lon.=354deg	H. Ang=59deg				
			CaPeak.c/s=19	Qual=1								
					FePeak=00:37	FePeak.c/s=6	#Peaks=3	XEN=415000				

[illegible]

Event # = 8331		84/06/02		DOY=154	
84/06/02,03:57	Start	DOY=154	SMM Pointing:	N05E84	Pitch=-80",Yaw=+939",Roll=0deg
	End times				H.Ang=84deg
GOES					
HXRBS	03:57:09	03:57:32	03:57:57	Qual=00	MaxkeV=48
UVSP	03:56			Qual=01	Rast=30"x30" Pitch=0" Step=0" Flags=1
					Tot Cts=2322
					Exp #=18477
					Pitch=-1",Yaw=+889"
Event # = 7296		84/06/03		DOY=155	
84/06/03,01:53	Start	DOY=155			
	End times				
Optical					
GOES	01:43	01:53	02:10	S09W25	Mac.=EH0
HXRBS	01:47:20	01:48:19	01:49:58	Qual=01	Carr.Lon.=254deg
UVSP	01:43			Qual=01	H.Ang=26deg
					MaxkeV=48
					Rast=30"x30" Step=0" Pitch=-1",Yaw=+814"
					Tot Cts=3527
					Exp #=18575
					Radio Frequency(MHz)/Flux(sfu): 245/9 410/35 606/30 1415/26 2695/37 4995/20
Event # = 20620		84/06/14		DOY=166	
84/06/14,09:08	Start	DOY=166	SMM Pointing:	S11W10	Pitch=+196",Yaw=-160",Roll=0deg
	End times				H.Ang=16deg
Optical					
GOES	09:02	09:08	09:18	S12W10	Mac.=DAO
BCS	09:08	09:08	09:12	Qual=01	Carr.Lon.=90deg
UVSP	08:55			Qual=01	H.Ang=16deg
					FePeak.c/s=8 #Peaks=3
					Rast=285"x285" Step=15" Pitch=+164",Yaw=-175"
					Radio Frequency(MHz)/Flux(sfu): 245/58
Event # = 7311		84/06/14,11:45		DOY=166	
84/06/14,11:45	Start	DOY=166	SMM Pointing:	S11W12	Pitch=+195",Yaw=-188",Roll=0deg
	End times				H.Ang=17deg
Optical					
GOES	11:41	11:45	11:47	S06E54	Mac.=BX0
HXRBS	11:41:46	11:42:14	11:42:40	Qual=03	Carr.Lon.=24deg
UVSP	12:11			Qual=01	H.Ang=54deg
					MaxkeV=108
					Rast=285"x285" Step=15" Pitch=+164",Yaw=-204"
					Tot Cts=527
					Exp #=19392
Event # = 20719		84/06/14,13:44		DOY=166	
84/06/14,13:44	Start	DOY=166	SMM Pointing:	S11W13	Pitch=+195",Yaw=-203",Roll=0deg
	End times				H.Ang=17deg
Optical					
GOES	13:50			S26E90	Carr.Lon.=347deg
HXRBS	13:44	13:44	13:45	S19E90	Carr.Lon.=347deg
UVSP	13:44	13:44	13:45	Qual=00	H.Ang=90deg
					MaxkeV=48
					Rast=285"x285" Step=15" Pitch=+164",Yaw=-218"
					Exp #=19393
					Radio Frequency(MHz)/Flux(sfu): 245/58
Event # = 7312		84/06/14,14:55		DOY=166	
84/06/14,14:55	Start	DOY=166	SMM Pointing:	S11W13	Pitch=-207",Yaw=-201",Roll=90deg
	End times				H.Ang=18deg
Optical					
GOES	14:49	14:55	15:03	S12W13	Mac.=BX0
HXRBS	14:52:07	14:52:25	14:53:31	Qual=04	Carr.Lon.=90deg
BCS	14:52	14:55	15:02	Qual=01	H.Ang=18deg
UVSP	14:51			Qual=01	MaxkeV=108
					FePeak.c/s=18 #Peaks=1 dt= 3.8s
					Rast=285"x285" Step=15" Pitch=-240",Yaw=-214"
					Tot Cts=2996
					Exp #=19394
					Radio Frequency(MHz)/Flux(sfu): 245/58
					Associated Event # = 7313
					Qual=01 Tot Cts=117



Event # = 7318									
84/06/17, 23:58	DOY=169	Peak	End times	SMM Pointing:	S07E07		Pitch=+137" , Yaw=+109" , Roll=0deg	H. Ang=11deg	
GOES					Qual=06				
HXRBS	23:56:38	23:58:23	23:59:30	Peak...c/s=82	Qual=01	Tot Cts=827	MaxkeV=48		
Event # = 7319									
84/06/18, 10:43	DOY=170	Peak	End times	SMM Pointing:	S07E01		Pitch=+136" , Yaw=+11" , Roll=0deg	H. Ang=8deg	
GOES	10:38	10:43	10:48	Importance=B4	Qual=04				
HXRBS	10:40:07	10:40:25	10:40:57	Peak...c/s=90	Qual=01	Tot Cts=292	MaxkeV=48		
Event # = 20720									
84/06/19, 06:45	DOY=171	Peak	End times	SMM Pointing:	S07W11		Pitch=+137" , Yaw=-177" , Roll=0deg	H. Ang=14deg	
Optical				Code=ASR	S12W90	AR4509	Carr. Lon.=105deg	H. Ang=90deg	
GOES				PA=248deg	Qual=00				
C/P	06:45								
Event # = 7324									
84/06/20, 20:32	DOY=172	Peak	End times	SMM Pointing:	S07W32		Pitch=+134" , Yaw=-495" , Roll=0deg	H. Ang=33deg	
Optical				Ha...Class=S8	S14E43	AR4520	Mac.=AXX	H. Ang=45deg	
GOES	20:28	20:32	20:34	Importance=B8	Qual=01		MaxkeV=48		
HXRBS	20:30:13	20:30:56	20:31:09	Peak...c/s=82	Qual=01	Exp #=19479	Rast=10"x10"	Pitch=+107" , Yaw=-508"	
UVSP	20:32			Wavelength=1332A	Code=02		Step=0"		
Radio	Sweeps	Type/Intensity:	V/3						
Radio	Frequency (MHz)/Flux(sfu):	245/68	410/18						
Event # = 20623									
84/06/20, 22:44	DOY=172	Peak	End times	SMM Pointing:	S07W33		Pitch=+137" , Yaw=-505" , Roll=0deg	H. Ang=34deg	
Optical				Ha...Class=S8	S06W28	AR4513	Mac.=DH0	H. Ang=29deg	
GOES	22:39	22:44	22:54	Importance=B8	Qual=01		FePeak.c/s=19	#Peaks=1 dt= 7.7s XEN=417200	
BGS	22:42	22:44	22:51	CaPeak.c/s=37	Qual= 1	FePeak=22:44	Rast=180"x180"	Step=10" Cad= 664s 2.048s/pixel	
FCS		22:42		Peak3..c/s=226		Exp #=19480	Rast=265"x265"	Step=5" Pitch=+107" , Yaw=-521"	
UVSP	22:08			Wavelength=1335A					
Event # = 7325									
84/06/22, 21:51	DOY=174	Peak	End times	SMM Pointing:	S15E12		Pitch=+273" , Yaw=+197" , Roll=0deg	H. Ang=21deg	
Optical				Ha...Class=SF	S16E12	AR4520	Mac.=BX0	H. Ang=22deg	
GOES	21:46	21:51	21:54	Importance=B4	Qual=01		MaxkeV=68		
HXRBS	21:53:14	21:54:44	21:56:02	Peak...c/s=84	Qual=01				



84/06/23 DOY=175									
Event # = 20624 84/06/23,05:30 Start		DOY=175 Peak	SMM Pointing:		S15E08	Pitch=+276", Yaw=+131", Roll=0deg		H. Ang=19deg	
Optical			Ha...Class=SN	S15E08	AR4520	Mac.=CS0	Carr. Lon.=315deg	H. Ang=19deg	
GOES	05:24	05:30	Importance=C1	Qual=01		FePeak.c/s=10	#Peaks=1 dt= 7.7s	XEN=417500	
BCS	05:27	05:29	CaPeak.c/s=43	Qual=1	FePeak=05:29	Rast=420"x420"	Step=10" Cad=1806s	1.024s/pixel	
FCS	05:29	05:29	Peak3...c/s=284		Exp #=19486	Rast=265"x265"	Step=5" Pitch=+245", Yaw=+112"		
UVSP	05:32		Wavelength=1340A	Code=02					
Event # = 20625 84/06/23,12:08 Start									
		DOY=175 Peak	SMM Pointing:		S15E05	Pitch=+272", Yaw=+73", Roll=0deg		H. Ang=17deg	
Optical			Importance=C1	Qual=01	AR4520	Mac.=CS0			
GOES	12:01	12:08	CaPeak.c/s=27	Qual=1	FePeak=12:07	FePeak.c/s=8	#Peaks=2 dt= 7.7s	XEN=417502	
BCS	12:06	12:07	Peak3...c/s=14		Exp #=19490	Rast=420"x420"	Step=10" Cad=1806s	1.024s/pixel	
FCS		12:06	Wavelength=1332A	Code=01		Rast=265"x265"	Step=5" Pitch=+245", Yaw=+57"		
UVSP	11:49								
Event # = 8332 84/06/23,19:17 Start									
		DOY=175 Peak	SMM Pointing:		S15E01	Pitch=+277", Yaw=+10", Roll=0deg		H. Ang=17deg	
Optical			Ha...Class=SN	S12W69	AR4513	Mac.=HAX	Carr. Lon.=24deg	H. Ang=70deg	
GOES	19:13	19:17	Importance=B5	Qual=04		MaxkeV=48	Flags=I		
HXRBS	19:16:03	19:16:13	Peak...c/s=108	Qual=01	Tot Cts=1286				
Event # = 8333 84/06/23,19:29 Start									
		DOY=175 Peak	SMM Pointing:		S15E01	Pitch=+277", Yaw=+10", Roll=0deg		H. Ang=17deg	
Optical			Ha...Class=SF	S10W71	AR4513	Mac.=HAX	Carr. Lon.=26deg	H. Ang=72deg	
GOES	19:21	19:29	Importance=B6	Qual=01		MaxkeV=48	Flags=I		
HXRBS	19:21:26	19:22:12	Peak...c/s=66	Qual=01	Tot Cts=6834				
Event # = 7326 84/06/27,18:13 Start									
		DOY=179 Peak	SMM Pointing:		S15W52	Pitch=+269", Yaw=-718", Roll=0deg		H. Ang=54deg	
Optical			Code=SPY	N20E90	AR4525	Carr. Lon.=173deg		H. Ang=89deg	
GOES	18:04	18:13	Importance=C4	Qual=01		MaxkeV=88			
HXRBS	18:06:05	18:08:19	Peak...c/s=219	Qual=01	Tot Cts=14698	Rast=39"x39"	Pitch=+281", Yaw=-718"		
UVSP	17:48		Wavelength=1336A	Code=00	Exp #=19669				
Event # = 20519 84/06/27,18:27 Start									
		DOY=179 Peak	Qual=00			Rast=39"x39"		Pitch=+281", Yaw=-718"	
GOES	17:48		Wavelength=1336A		Exp #=19669				
UVSP	17:48		PA=74deg						
C/P	18:27	Extrap St=06/27,17:48							
Event # = 7327 84/06/27,19:50 Start									
		DOY=179 Peak	SMM Pointing:		S15W52	Pitch=+269", Yaw=-718", Roll=0deg		H. Ang=54deg	
GOES				Qual=00		MaxkeV=48			
HXRBS	19:49:59	19:50:09	Peak...c/s=76	Qual=01	Tot Cts=133	Rast=120"x120"	Pitch=+263", Yaw=-758"		
UVSP	19:53		Wavelength=1354A		Exp #=19673				

Event # = 7331		84/06/28		DOY=180	
84/06/28,16:21	DOY=180	SMM Pointing:	S15W66	Pitch=+260", Yaw=-834", Roll=0deg	
Optical	Start	End times		H. Ang=68deg	
GOES 16:14	16:21	16:27	N15E77	Mac.=HHX Carr. Lon.=174deg	
GOES 16:16:10	16:17:59	16:19:30	Qual=01	H. Ang=77deg	
HXRBS 16:12	16:17:59	16:19:30	Qual=01	MaxkeV=48	
UVSP 16:12	16:17:59	16:19:30	Qual=01	Rast=240"x240" Step=3" Pitch=+230", Yaw=-832"	
Radio Sweeps	Type/Intensity:				
Frequency (MHz)/Flux(sfu):	245/74				
Event # = 7332		84/06/28		DOY=180	
84/06/28,19:22	DOY=180	SMM Pointing:	S15W68	Pitch=+258", Yaw=-850", Roll=0deg	
Optical	Start	End times		H. Ang=70deg	
GOES 19:21:09	19:22:35	19:24:29	Qual=00	MaxkeV=88	
HXRBS 19:21:09	19:22:35	19:24:29	Qual=01	Rast=39"x39" Step=3" Pitch=+231", Yaw=-732"	
UVSP 18:59	19:22:35	19:24:29	Qual=01	Exp #=19708	
Event # = 20697		84/06/29		DOY=181	
84/06/29,11:18	DOY=181	SMM Pointing:	S15W75	Pitch=+254", Yaw=-882", Roll=0deg	
Optical	Start	End times		H. Ang=76deg	
GOES 11:02	11:06	11:13	S20W90	Carr. Lon.=330deg	
GOES 11:05	11:06	11:06	Qual=00	H. Ang=91deg	
UVSP 10:51	11:06	11:06	Qual=00	Rast=39"x39" Step=3" Pitch=+251", Yaw=-895"	
C/P 11:18	Extrap St=06/29,08:26	PA=230deg	Three-part structure	Exp #=19747	
Event # = 20626		84/06/30		DOY=182	
84/06/30,11:06	DOY=182	SMM Pointing:	N13E59	Pitch=-189", Yaw=+788", Roll=0deg	
Optical	Start	End times		H. Ang=59deg	
GOES 11:02	11:06	11:13	N14E61	Mac.=CA0 Carr. Lon.=166deg	
GOES 11:05	11:06	11:06	Qual=03	H. Ang=61deg	
BCS 11:05	11:06	11:06	Qual=03	#Peaks=1	
FCS 11:06	11:06	11:06	Qual=03	XEN=418200	
UVSP 10:27	11:06	11:06	Qual=03	Rast=0"x0" Cad= 768s 768.0s/pixel	
Event # = 20627		84/06/30		DOY=182	
84/06/30,13:21	DOY=182	SMM Pointing:	N13E57	Pitch=-189", Yaw=+775", Roll=0deg	
Optical	Start	End times		H. Ang=58deg	
GOES 13:09	13:21	13:30	N15E62	Mac.=CA0 Carr. Lon.=164deg	
GOES 13:20	13:20	13:37	Qual=05	H. Ang=62deg	
BCS 13:20	13:20	13:30	Qual=05	#Peaks=2	
FCS 13:30	13:30	13:30	Qual=05	XEN=418201	
UVSP 13:21	13:30	13:30	Qual=05	Rast=115"x115" Step=5" Cad= 542s 1.024s/pixel	
Event # = 7337		84/07/02		DOY=184	
84/07/02,16:03	DOY=184	SMM Pointing:	N12E28	Pitch=-156", Yaw=+439", Roll=0deg	
Optical	Start	End times		H. Ang=30deg	
GOES 16:01:49	16:03:11	16:04:40	Qual=00	MaxkeV=129	
GOES 16:01:49	16:03:11	16:04:40	Qual=01	Rast=48"x48" Step=3" Pitch=-118", Yaw=+359"	
HXRBS 16:01:49	16:03:11	16:04:40	Qual=01	Exp #=19817	
UVSP 15:50	16:03:11	16:04:40	Qual=01		

Event # = 7335		84/07/02, 18:18		DOY=184		Peak		SMM Pointing:		N12E27		Pitch=-155", Yaw=+425", Roll=0deg		H.Ang=29deg	
Optical		Start		End times											
GOES		17:55		18:18		19:00		Ha...Class=SF		N12E33		Mac.=DAO		Carr.Lon.=164deg	
HXRBS		18:04:23		18:05:04		18:08:01		Importance=C1		Qual=03		AR4525		H.Ang=34deg	
UVSP		18:53						Peak...c/s=94		Qual=01		Tot Cts=3898		Flags=AX	
								Wavelength=1336A				Rast=240"x240"		Step=3"	
												Pitch=-185", Yaw=+414"			
Event # = 7336		84/07/02, 19:44		DOY=184		Peak		SMM Pointing:		N12E27		Pitch=-155", Yaw=+413", Roll=0deg		H.Ang=28deg	
Optical		Start		End times											
GOES		19:43:18		19:44:21		19:44:55		Peak...c/s=72		Qual=00		MaxkeV=48		Step=3"	
HXRBS		19:30						Wavelength=1336A		Qual=01		Rast=48"x48"		Pitch=-157", Yaw=+459"	
UVSP										Tot Cts=711		Exp #=19823			
										84/07/03		DOY=185			
Event # = 7338		84/07/03, 13:59		DOY=185		Peak		SMM Pointing:		N12E16		Pitch=-153", Yaw=+256", Roll=0deg		H.Ang=18deg	
Optical		Start		End times											
GOES		13:58:19		13:59:11		14:00:35		Peak...c/s=82		Qual=00		MaxkeV=88		Step=3"	
HXRBS		13:53						Wavelength=1336A		Qual=01		Rast=48"x48"		Pitch=-187", Yaw=+351"	
UVSP										Tot Cts=1030		Exp #=19844			
										84/07/04		DOY=186			
Event # = 7341		84/07/04, 02:54		DOY=186		Peak		SMM Pointing:		N11E13		Pitch=-130", Yaw=+203", Roll=0deg		H.Ang=15deg	
Optical		Start		End times											
GOES		02:39		02:54		03:21		Ha...Class=2B		S08E67		Mac.=DS0		Carr.Lon.=112deg	
HXRBS		02:41:44		02:44:11		02:52:40		Importance=M1		Qual=01		AR4532		H.Ang=68deg	
UVSP		02:28						Peak...c/s=480		Qual=01		Tot Cts=83486		MaxkeV=129	
Radio Sweeps								Wavelength=1336A		Code=00		Rast=63"x63"		Step=3"	
Radio Frequency (MHz)/Flux(sfu):								11/2				Pitch=-179", Yaw=+145"			
								245/36 410/98 606/270 1415/69 2695/92 4995/59 8800/66 15400/48							
Event # = 7342		84/07/04, 14:02		DOY=186		Peak		SMM Pointing:		N11E07		Pitch=-129", Yaw=+106", Roll=0deg		H.Ang=10deg	
Optical		Start		End times											
GOES		13:58		14:02		14:04		Importance=B3		Qual=01		MaxkeV=244		Flags=AX	
HXRBS		14:02:00		14:02:29		14:02:34		Peak...c/s=70		Qual=01		Rast=258"x258"		Step=3"	
UVSP		05:29						Wavelength=1336A		Code=00		Exp #=19859		Pitch=-159", Yaw=+177"	
										84/07/05		DOY=187			
Event # = 7343		84/07/05, 15:18		DOY=187		Peak		SMM Pointing:		S06E51		Pitch=+133", Yaw=+726", Roll=0deg		H.Ang=51deg	
Optical		Start		End times											
GOES		15:04		15:18		15:28		Importance=C3		Qual=01		MaxkeV=48		#Peaks=1	
HXRBS		15:06:16		15:07:41		15:09:30		Peak...c/s=153		Qual=01		FePeak.C/s=12		dt= 3.8s	
BCS		15:08		15:16		15:29		CaPeak.c/s=92		Qual=1		Rast=48"x48"		Step=3"	
UVSP		14:41						Wavelength=1336A		Code=00		Exp #=19883		Pitch=-1", Yaw=+746"	
Radio Frequency (MHz)/Flux(sfu):								606/54 1415/10 2695/38 4995/14 8800/8							

Event # = 20522									
84/07/05,22:30	Start	DOY=187	Peak	End times					
GOES	22:25	22:30	Extrap	St=07/05,16:30	Wavelength=1336A	PA=45deg	Qual=00	Exp #=19892	Rast=240"x240" Step=3" Pitch=+106",Yaw=+676"
UVSP	22:30	22:30	Extrap	St=07/05,16:30	PA=45deg	Qual=00	Exp #=19892	Three-part structure	
Event # = 20728									
84/07/05,23:15	Start	DOY=187	Peak	End times					
GOES	22:40	22:40	23:15	SMM Pointing:	S06E46	Qual=03	Exp #=19893	Pitch=+136",Yaw=+673",Roll=0deg	H.Ang=47deg
UVSP	22:32	22:32	23:15	Importance=B4	Code=01	Qual=01	Exp #=19893	Rast=63"x63" Step=3" Pitch=+158",Yaw=+707"	
Event # = 7349									
84/07/08,10:37	Start	DOY=190	Peak	End times					
Optical	10:30	10:30	10:42	SMM Pointing:	S07E19	Qual=01	AR4532	Pitch=+173",Yaw=+301",Roll=0deg	H.Ang=22deg
GOES	10:41:20	10:41:40	10:43:13	Ha...Class=SF	S10E08	Qual=01	AR4532	Mac.=CS0	Carr.Lon.=113deg
HXRBS	10:41:20	10:41:40	10:43:13	Importance=B5	Code=01	Qual=01	AR4532	MaxkeV=296	Flags=AX
UVSP	10:21	10:21	10:43:13	Peak...c/s=80	Code=00	Exp #=19929	AR4532	Rast=63"x63" Step=3" Pitch=+581",Yaw=+367"	
Radio	Frequency(MHz)/Flux(sfu):	245/124		WaveLength=1336A	Code=00	Exp #=19929	AR4532		
Event # = 7351									
84/07/10,08:24	Start	DOY=192	Peak	End times					
Optical	08:21	08:21	08:28	SMM Pointing:	S08E34	Qual=01	AR4532	Pitch=+183",Yaw=+530",Roll=0deg	H.Ang=36deg
GOES	08:21:20	08:22:13	08:22:46	Ha...Class=SN	S06W05	Qual=01	AR4532	Mac.=CS0	Carr.Lon.=101deg
HXRBS	08:21:20	08:22:13	08:22:46	Importance=B4	Code=01	Qual=01	AR4532	MaxkeV=48	
UVSP	07:59	07:59	08:22:46	Peak...c/s=72	Code=00	Exp #=19979	AR4532	Rast=63"x63" Step=3" Pitch=+192",Yaw=+550"	
Event # = 20628									
84/07/10,21:04	Start	DOY=192	Peak	End times					
GOES	21:00	21:00	21:08	SMM Pointing:	S07W20	Qual=03	FePeak=21:04	Pitch=+175",Yaw=-326",Roll=0deg	H.Ang=23deg
BCS	21:02	21:04	21:05	Importance=C1	Code=00	Qual=01	FePeak=21:04	FePeak.c/s=9	#Peaks=1
FCS	21:03	21:03	21:05	CaPeak.c/s=26	Code=00	Qual=01	FePeak=21:04	Rast=0"x0"	dt= 7.7s
UVSP	20:35	20:35	21:05	Peak3...c/s=24	Code=00	Exp #=19996	FePeak=21:04	Rast=39"x39" Step=3" Pitch=+262",Yaw=-283"	XEN=419200
Event # = 8335									
84/07/11,09:44	Start	DOY=193	Peak	End times					
GOES	09:41	09:41	09:49	SMM Pointing:	S07W27	Qual=01	Flags=I	Pitch=+172",Yaw=-431",Roll=0deg	H.Ang=29deg
HXRBS	09:42:43	09:43:05	09:43:22	Importance=B4	Code=00	Qual=01	Flags=I	MaxkeV=48	
UVSP	09:17	09:17	09:43:22	Peak...c/s=68	Code=00	Exp #=20013	Flags=I	Rast=240"x240" Step=3" Pitch=+150",Yaw=-433"	
Event # = 7364									
84/07/13,10:44	Start	DOY=195	Peak	End times					
GOES	10:42:59	10:44:39	10:45:35	SMM Pointing:	S07W55	Qual=00	Exp #=20084	Pitch=+153",Yaw=-767",Roll=0deg	H.Ang=56deg
HXRBS	10:42:59	10:44:39	10:45:35	Peak...c/s=75	Code=01	Qual=01	Exp #=20084	MaxkeV=48	
UVSP	09:56	09:56	10:45:35	WaveLength=1336A	Code=01	Qual=01	Exp #=20084	Rast=48"x48" Step=3" Pitch=+135",Yaw=-746"	

Event # = 8338	DOY=195	SMM Pointing:	S09W11	Pitch=+214", Yaw=-181", Roll=0deg	H. Ang=17deg
84/07/13, 16:14	Start	End times			
GOES	16:13:49	16:14:02	Qual=00	MaxkeV=88	Flags=1
HXRBS	16:13:49	16:14:02	Qual=01	Rast=240" x 240"	Pitch=+192", Yaw=-184"
UVSP	16:06			Exp #=20094	
Event # = 7365	DOY=195	SMM Pointing:	S09W12	Pitch=+214", Yaw=-191", Roll=0deg	H. Ang=18deg
84/07/13, 17:52	Start	End times			
GOES	17:50:58	17:52:11	Qual=00	MaxkeV=68	
HXRBS	17:50:58	17:52:11	Qual=01	Rast=3" x 3"	Pitch=+196", Yaw=-244"
UVSP	17:48			Exp #=20098	
Radio	Frequency (MHz)/Flux(sfu):	245/66 2695/12			
Event # = 20698	DOY=196	SMM Pointing:	S09W21	Pitch=+211", Yaw=-328", Roll=0deg	H. Ang=24deg
84/07/14, 08:40	Start	End times			
Optical				Carr. Lon.=133deg	H. Ang=90deg
GOES	07:59		N05W90	AR4528	
UVSP	08:40	Extrap St=07/14, 07:38	Qual=00	Rast=48" x 48"	Pitch=+230", Yaw=-281"
C/P		PA=306deg	Three-part structure	Exp #=20124	
Event # = 7366	DOY=198	SMM Pointing:	S12W12	Pitch=+264", Yaw=-197", Roll=0deg	H. Ang=20deg
84/07/16, 10:29	Start	End times			
GOES	10:25	10:29	Qual=01	MaxkeV=48	
HXRBS	10:27:08	10:27:43	Qual=01	Rast=130" x 130"	Pitch=+308", Yaw=-134"
UVSP	10:12		Code=00	Exp #=20193	
Event # = 7367	DOY=198	SMM Pointing:	S12W13	Pitch=+266", Yaw=-207", Roll=0deg	H. Ang=21deg
84/07/16, 11:08	Start	End times			
GOES	11:07:47	11:08:37	Qual=00	MaxkeV=129	Flags=AX
HXRBS	11:07:47	11:08:37	Qual=01	Rast=180" x 1"	Pitch=-298", Yaw=+109"
UVSP	11:41			Exp #=20195	
Event # = 7368	DOY=199	SMM Pointing:	S22W22	Pitch=+416", Yaw=-325", Roll=0deg	H. Ang=34deg
84/07/17, 01:09	Start	End times			
Optical				Mac.=CS0	Carr. Lon.=70deg
GOES	00:53	01:09	S10W63	AR4537	
HXRBS	00:56:18	00:59:14	Qual=03	Tot Cts=86084	
UVSP	00:30		Qual=01	Exp #=20208	
Radio	Sweeps	Type/Intensity:	Code=00	MaxkeV=197	Pitch=-298", Yaw=-237"
Radio	Frequency (MHz)/Flux(sfu):	11/3 111/2 V/2		Rast=63" x 63"	
		245/81 410/410 606/31 1415/28 2695/41 4995/73 8800/62 15400/45			
Event # = 7369	DOY=199	SMM Pointing:	S22W26	Pitch=+413", Yaw=-384", Roll=0deg	H. Ang=37deg
84/07/17, 09:05	Start	End times			
GOES	09:04:38	09:05:09	Qual=00	MaxkeV=48	Flags=AX
HXRBS	09:04:38	09:05:09	Qual=01	Rast=130" x 130"	Pitch=+327", Yaw=-449"
UVSP	08:35			Exp #=20218	

Event # = 7370									
84/07/17, 09:46	DOY=199	Peak	SMM Pointing:		S22W26	Pitch=+413", Yaw=-384", Roll=0deg		H. Ang=37deg	
G0ES 09:42 09:46	09:46	09:49	End times		Qual=04				
HXRBS 09:47:16	09:49:25	09:50:19	Importance=B1		Qual=01	MaxkeV=270		Flags=AX	
UVSP 09:49			Peak...c/s=90		Code=02	Rast=130"x130"		Step=1" Pitch=+455", Yaw=-330"	
Wavelength=1336A									
Tot Cts=3068									
Exp #=20219									
Event # = 7371									
84/07/17, 10:47	DOY=199	Peak	SMM Pointing:		S22W27	Pitch=+413", Yaw=-395", Roll=0deg		H. Ang=37deg	
G0ES 10:40 10:47	10:47	10:50	End times		Qual=02				
HXRBS 10:42:39	10:44:43	10:45:15	Importance=B1		Qual=01	MaxkeV=129		Flags=AX	
UVSP 11:19			Peak...c/s=84			Rast=180"x1"		Step=0" Pitch=+327", Yaw=-297"	
Wavelength=2706A									
Exp #=20221									
84/07/20 DOY=202									
Event # = 20721									
84/07/20, 11:56	DOY=202	Peak	SMM Pointing:		S09W86	Pitch=+149", Yaw=-933", Roll=0deg		H. Ang=87deg	
Optical			End times		Code=EPL	Carr. Lon.=52deg		H. Ang=92deg	
G0ES			Code=EPL		S25W90				
UVSP 04:02			Wavelength=1336A		Qual=00	Rast=63"x63"		Step=3" Pitch=+159", Yaw=-845"	
C/P 11:56			PA=240deg		Exp #=20258				
84/07/21 DOY=203									
Event # = 20722									
84/07/21, 13:45	DOY=203	Peak	SMM Pointing:		N10W87	Pitch=-164", Yaw=-930", Roll=0deg		H. Ang=87deg	
Optical			End times		Code=ASR	Carr. Lon.=218deg		H. Ang=89deg	
G0ES			Code=ASR		N15E90				
UVSP 13:43			Wavelength=1332A		Qual=00	Rast=265"x265"		Step=5" Pitch=-186", Yaw=-929"	
C/P 13:45			PA=75deg		Exp #=20278				
84/07/22 DOY=204									
Event # = 7372									
84/07/22, 08:10	DOY=204	Peak	SMM Pointing:		N89E03	Pitch=-944", Yaw=+1", Roll=0deg		H. Ang=84deg	
Optical			End times		Ha...Class=SF	Mac.=DAO		Carr. Lon.=314deg	
G0ES 08:07 08:10	08:10	08:12	Importance=C1		N06W17	AR4545		H. Ang=17deg	
HXRBS 08:09:29	08:09:57	08:10:11	Peak...c/s=436		Qual=01	Tot Cts=3085			
UVSP 08:12			Wavelength=2704A		Code=02	Rast=180"x15"		Step=2" Pitch=+7", Yaw=+948"	
84/07/25 DOY=207									
Event # = 7393									
84/07/25, 20:57	DOY=207	Peak	SMM Pointing:		S32W67	Pitch=+527", Yaw=-742", Roll=0deg		H. Ang=74deg	
G0ES			End times		Qual=00				
HXRBS 20:57:31	20:57:34	20:57:54	Peak...c/s=138		Qual=01	MaxkeV=403		Step=3" Pitch=+504", Yaw=-740"	
UVSP 20:52			Wavelength=1336A		Tot Cts=592	Rast=258"x258"			
Exp #=20388									

84/07/26 DOY=208		84/07/26 DOY=208	
Event # = 20699			
84/07/26, 08:02	DOY=208	SMM Pointing:	Pitch=+147", Yaw=-877", Roll=0deg H.Ang=70deg
Optical	End times	Code=APR	
GOES	08:19	Wavelength=1336A	
UVSP	08:02	PA=55deg	
C/P	08:02	Frequency(MHz)/Flux(sfu): 245/24 410/4	
Radio			
84/07/28 DOY=210		84/07/28 DOY=210	
Event # = 7394			
84/07/28, 09:33	DOY=210		
GOES	09:33:40	Peak...c/s=70	
HXRBS	09:08	Wavelength=1336A	
UVSP	09:08		
84/07/29 DOY=211		84/07/29 DOY=211	
Event # = 7395			
84/07/29, 14:47	DOY=211	SMM Pointing:	Pitch=-230", Yaw=+919", Roll=0deg
HXRBS	14:46:45	Peak...c/s=109	
UVSP	14:39	Wavelength=1336A	
84/07/30 DOY=212		84/07/30 DOY=212	
Event # = 7396			
84/07/29, 15:27	DOY=211	SMM Pointing:	Pitch=-230", Yaw=+919", Roll=0deg
GOES	15:26:57	Peak...c/s=74	
HXRBS	15:14	Wavelength=1336A	
UVSP	15:14		
84/08/02 DOY=215		84/08/02 DOY=215	
Event # = 7404			
84/08/02, 22:36	DOY=215	SMM Pointing:	Pitch=-582", Yaw=+746", Roll=0deg H.Ang=86deg
GOES	22:35:16	Peak...c/s=122	
HXRBS	22:35:16		





Event # = 20631		DOY=231		SMM Pointing:		N04W86		Pitch=-65", Yaw=-945", Roll=0deg		H.Ang=86deg	
84/08/18,09:57	Start	Peak	End times	Ha...Class=SN				Mac.=HSX			
Optical				Importance=88		AR4563					
GOES	09:40	09:57	10:08	CaPeak.c/s=28		FePeak=09:57					
BCS	09:55	09:57	10:03	Peak3...c/s=11							
FCS		09:59									
Event # = 7426		DOY=231		SMM Pointing:		AR4553		Carr. Lon.=22deg		H.Ang=90deg	
84/08/18,22:47	Start	Peak	End times	Code=ASR							
Optical				Importance=C4		AR4563					
GOES	22:41	22:47	22:59	Peak...c/s=347							
HXRBS	22:41:48	22:43:05	22:50:29	CaPeak.c/s=400		Tot Cts=43277					
BCS	22:41	22:47	23:00			FePeak=22:47					
UVSP											
Event # = 7427		DOY=231		SMM Pointing:		AR4553		Carr. Lon.=22deg		H.Ang=90deg	
84/08/18,23:05	Start	Peak	End times	Code=ASR							
Optical				Importance=M1		AR4563					
GOES	23:00	23:05	23:27	Peak...c/s=1715							
HXRBS	23:00:03	23:02:18	23:10:03	CaPeak.c/s=949		Tot Cts=2.58E+5					
BCS	22:59	23:05	23:22	Peak3...c/s=763		FePeak=23:03					
FCS		23:17									
UVSP											
Event # = 7428		DOY=232		SMM Pointing:		84/08/19 DOY=232		Pitch=+239", Yaw=+678", Roll=0deg		H.Ang=49deg	
84/08/19,02:04	Start	Peak	End times	Code=ASR							
Optical				Importance=C1		S10E46					
GOES	02:00	02:04	02:07	Peak...c/s=71							
HXRBS	02:01:41	02:01:59	02:02:27			N05W90					
Event # = 7429		DOY=232		SMM Pointing:		84/08/19 DOY=232		Pitch=+241", Yaw=+668", Roll=0deg		H.Ang=48deg	
84/08/19,03:47	Start	Peak	End times	Code=ASR							
Optical				Importance=C1		S10E46					
GOES	03:39	03:47	04:06	Peak...c/s=69							
HXRBS	03:42:11	03:42:43	03:43:20			N05W90					
Event # = 7430		DOY=232		SMM Pointing:		84/08/20 DOY=233		Pitch=+251", Yaw=+573", Roll=0deg		H.Ang=41deg	
84/08/19,17:47	Start	Peak	End times	Code=ASR							
Optical				Importance=C1		S10E38					
GOES	17:45:56	17:47:30	17:48:16	Peak...c/s=70							
HXRBS						Qual=00					
Event # = 7431		DOY=233		SMM Pointing:		84/08/20 DOY=233		Pitch=+279", Yaw=+809", Roll=0deg		H.Ang=64deg	
84/08/20,02:00	Start	Peak	End times	Code=ASR							
Optical				Importance=C1		S14E61					
GOES	02:00:24	02:00:37	02:00:56	Peak...c/s=80							
HXRBS						Qual=01					
								MaxkeV=404		Flags=NS,GB	
								Tot Cts=237			

Event # = 7432		84/08/24		DOY=237	
84/08/24, 05:09	Start	DOY=237	Peak	SMM Pointing:	N13E68
GOES	End times				Pitch=-170", Yaw=+858", Roll=0deg
GOES	05:08:54	05:09:18	05:09:25	Peak...c/s=85	MaxkeV=48
HXRBS	05:08:54	05:09:18	05:09:25	Peak...c/s=85	Tot Cts=229
Event # = 7433		84/08/24		DOY=237	
84/08/24, 12:23	Start	DOY=237	Peak	SMM Pointing:	N13E68
GOES	End times				Pitch=-170", Yaw=+858", Roll=0deg
GOES	12:22:13	12:23:40	12:25:15	Peak...c/s=88	MaxkeV=197
HXRBS	12:22:13	12:23:40	12:25:15	Peak...c/s=88	Flags=AX
Event # = 7434		84/08/26		DOY=239	
84/08/26, 02:17	Start	DOY=239	Peak	SMM Pointing:	S17W23
Optical	End times				Pitch=+378", Yaw=-351", Roll=0deg
GOES	02:03	02:17	02:22	Ha...Class=S8	Mac.=CA0
GOES	02:13:47	02:14:13	02:15:54	Importance=C3	Carr. Lon.=135deg
HXRBS	02:13:47	02:14:13	02:15:54	Peak...c/s=95	MaxkeV=48
UVSP	02:13:47	02:14:13	02:15:54	Peak...c/s=95	Tot Cts=1559
Radio	Frequency(MHz)/Flux(sfu):	410/13	4995/2	8800/4	15400/3
Event # = 7435		84/08/26		DOY=239	
84/08/26, 05:26	Start	DOY=239	Peak	SMM Pointing:	S17W24
Optical	End times				Pitch=+377", Yaw=-376", Roll=0deg
GOES	05:20	05:26	05:44	Ha...Class=SN	Mac.=CA0
GOES	05:22:35	05:24:03	05:25:52	Importance=C2	Carr. Lon.=134deg
HXRBS	05:22:35	05:24:03	05:25:52	Peak...c/s=80	MaxkeV=48
UVSP	05:22:35	05:24:03	05:25:52	Peak...c/s=80	Pitch=+364", Yaw=-381"
Event # = 7436		84/09/06		DOY=250	
84/09/06, 19:54	Start	DOY=250	Peak	SMM Pointing:	
Optical	End times				Pitch=+233", Yaw=-1007", Roll=0deg
GOES	19:49	19:54	19:56	Ha...Class=SN	Mac.=BX0
GOES	19:50:11	19:51:06	19:53:00	Importance=B6	Carr. Lon.=108deg
HXRBS	19:50:11	19:51:06	19:53:00	Peak...c/s=175	MaxkeV=109
Event # = 12729		84/09/08		DOY=252	
84/09/08, 19:57	Start	DOY=252	Peak	SMM Pointing:	S04E44
Optical	End times				Pitch=+152", Yaw=+659", Roll=0deg
GOES	19:57:34	19:57:35	19:57:39	Peak...c/s=134	MaxkeV=405
GOES	19:57:34	19:57:35	19:57:39	Wave length=1336A	Rast=240"x240"
HXRBS	19:57:34	19:57:35	19:57:39	Wave length=1336A	Step=3"
UVSP	20:33	19:57:35	19:57:39	Wave length=1336A	Pitch=+140", Yaw=+645"
Event # = 7437		84/09/08		DOY=252	
84/09/08, 20:44	Start	DOY=252	Peak	SMM Pointing:	S04E43
Optical	End times				Pitch=+152", Yaw=+648", Roll=0deg
GOES	20:40	20:44	20:47	Importance=B6	MaxkeV=48
GOES	20:41:31	20:41:48	20:42:45	Peak...c/s=68	Rast=63"x63"
HXRBS	20:41:31	20:41:48	20:42:45	Peak...c/s=68	Step=3"
UVSP	20:41	20:41:48	20:42:45	Wave length=1336A	Pitch=+147", Yaw=+629"

[illegible]

Event # = 7442		84/09/17	DOY=261		
84/09/17, 14:34	Start	DOY=261	Peak	SMM Pointing:	Pitch=+244", Yaw=-931", Roll=0deg
GOES	End times				
14:33:02	14:34:31	14:35:54		Qual=00	
HXRBS	Peak...c/s=73			Qual=01	Tot Cts=1296
UVSP	Wavelength=1336A			Exp #=21108	MaxkeV=405
					Rast=258"x258" Step=3" Pitch=+232", Yaw=-927"
Event # = 7443					
84/09/17, 18:52	Start	DOY=261	Peak	SMM Pointing:	Pitch=+112", Yaw=+949", Roll=0deg
GOES	End times				H. Ang=87deg
18:52:23	18:52:30	18:52:35		Qual=01	MaxkeV=325
HXRBS	Peak...c/s=116			Tot Cts=325	Flags=NS,GB
Event # = 20725					
84/09/17, 21:59	Start	DOY=261	Peak	SMM Pointing:	Pitch=-120", Yaw=+939", Roll=-31deg
GOES	End times				H. Ang=82deg
22:00				Code=APR	
UVSP	Wavelength=1336A			Qual=00	H. Ang=87deg
C/P	PA=50deg			Exp #=21111	
	Thin, partial loop				Rast=258"x258" Step=3" Pitch=+100", Yaw=+941"
Event # = 20726					
84/09/21, 23:41	Start	DOY=265	Peak	SMM Pointing:	Pitch=+116", Yaw=+949", Roll=0deg
GOES	End times				H. Ang=87deg
23:41				Code=APR	
UVSP	Wavelength=1549A			Qual=00	H. Ang=58deg
C/P	PA=72deg			Exp #=21171	
	Faint loop				Rast=240"x240" Step=3" Pitch=+100", Yaw=+971"
Event # = 7447					
84/09/24, 02:25	Start	DOY=268	Peak	SMM Pointing:	Pitch=+948", Yaw=+1", Roll=90deg
GOES	End times				H. Ang=82deg
02:25:17	02:25:24	02:26:34		Qual=00	
HXRBS	Peak...c/s=64			Qual=01	Tot Cts=485
UVSP	Wavelength=3110A			Exp #=21240	MaxkeV=48
					Rast=240"x240" Step=3" Pitch=+940", Yaw=+22"
Event # = 7448					
84/09/28, 21:11	Start	DOY=272	Peak	SMM Pointing:	Pitch=-114", Yaw=-949", Roll=31deg
GOES	End times				H. Ang=85deg
21:10:53	21:11:50	21:13:06		Qual=00	
HXRBS	Peak...c/s=81			Qual=01	MaxkeV=68
UVSP	Wavelength=1548A			Exp #=21390	Rast=240"x240" Step=3" Pitch=-136", Yaw=-927"
Event # = 20703					
84/10/01, 10:39	Start	DOY=275	Peak	SMM Pointing:	Pitch=-1", Yaw=-922", Roll=0deg
GOES	End times				H. Ang=74deg
10:03				Code=APR	
UVSP	Wavelength=1397A			Code=APR	H. Ang=91deg
C/P	PA=135deg			Qual=00	H. Ang=92deg
	Streamer with interior darkshell, bright mound			Exp #=21481	
					Rast=180"x1" Step=0" Pitch=-3", Yaw=-921"

Event # = 20704		84/10/02	DOY=276		
84/10/02, 16:07	DOY=276	S07480	Pitch=+134", Yaw=-939", Roll=0deg	H. Ang=81deg	
Start	Peak				
SMM Pointing:					
End times					
GOES	16:05	Wavelength=1388A	Qual=00	Exp #=21542	Pitch=+136", Yaw=-948"
UVSP	16:07	Extrap St=10/02, 12:14 PA=107deg	Streamers with bright mound		
C/P					
Event # = 7449		84/10/08	DOY=282		
84/10/08, 13:37	DOY=282	N02E71	Pitch=+0", Yaw=+912", Roll=0deg	H. Ang=71deg	
Start	Peak				
SMM Pointing:					
End times					
GOES	13:36:20	13:37:20	13:38:36	Peak...c/s=101	MaxkeV=109
HXRBS				Tot Cts=2666	Flags=AX
Event # = 7450		84/10/08, 15:15	DOY=282	Pitch=+0", Yaw=+912", Roll=0deg	H. Ang=71deg
84/10/08, 15:15	DOY=282	N02E71			
Start	Peak				
SMM Pointing:					
End times					
GOES	15:14:34	15:15:39	15:17:31	Peak...c/s=89	MaxkeV=109
HXRBS				Wavelength=1369A	Flags=SG
UVSP	15:02			Exp #=21740	Rast=180"x1" Pitch=-3", Yaw=+913"
Event # = 12730		84/10/15	DOY=289	Pitch=+401", Yaw=-538", Roll=0deg	H. Ang=44deg
84/10/15, 22:56	DOY=289	S20W36			
Start	Peak				
SMM Pointing:					
End times					
HXRBS	22:56:28	22:56:35	22:56:43	Peak...c/s=56	MaxkeV=174
UVSP	23:17			Wavelength=1548A	Flags=NS, GB
Event # = 20705		84/10/16	DOY=290	Pitch=+400", Yaw=-559", Roll=0deg	H. Ang=45deg
84/10/16, 00:55	DOY=290	S20W38			
Start	Peak				
SMM Pointing:					
End times					
GOES	00:52	Wavelength=1548A	Qual=00	Exp #=21913	Pitch=+383", Yaw=-537"
UVSP	00:55	Extrap St=10/16, 13:00 PA=17deg	Bright mound		
C/P					
Event # = 20706		84/10/18	DOY=292	Pitch=+3", Yaw=+364", Roll=0deg	H. Ang=22deg
84/10/18, 06:27	DOY=292	N05E22			
Start	Peak				
SMM Pointing:					
End times					
Optical		Code=EPL	N16E90	Carr. Lon.=126deg	H. Ang=88deg
GOES	06:21	Wavelength=1548A	Qual=00	Rast=240"x240"	Pitch=-13", Yaw=+386"
UVSP	06:27	Extrap St=10/18, 02:06 PA=68deg	Interior shell, mound?	Exp #=22006	
C/P					
Event # = 20707		84/10/21	DOY=295	Pitch=-212", Yaw=+71", Roll=0deg	H. Ang=13deg
84/10/21, 11:33	DOY=295	N18E04			
Start	Peak				
SMM Pointing:					
End times					
Optical		Code=ASR	S28E90	Carr. Lon.=84deg	H. Ang=92deg
GOES	11:26	Wavelength=1548A	Qual=00	Rast=240"x240"	Pitch=-228", Yaw=+87"
UVSP	11:33	PA=105deg	Complex	Exp #=22129	
C/P					

Event # = 20708									
84/10/21, 22:50	DOY=295	Peak	End times	SMM Pointing:	N18W02	Pitch=-211", Yaw=-29", Roll=0deg	H. Ang=13deg		
Optical				Code=EPL					
Optical				Code=BSL					
G0ES					N27E90				
UVSP	22:39			Wavelength=1548A	N30E90				
C/P	22:50	Extrap	St=10/21, 20:23	PA=68deg	Qual=00				
					Streamers with interior darkshell				
					Exp #=22151				
					Streamers with interior darkshell				
84/10/31 DOY=305									
Event # = 20709									
84/10/31, 18:37	DOY=305	Peak	End times	SMM Pointing:	N05E20	Pitch=-16", Yaw=+331", Roll=0deg	H. Ang=20deg		
Optical				Code=EPL					
G0ES					S30E90				
UVSP	18:36			Wavelength=2794A	Qual=00				
C/P	18:37			PA=98deg	Widening fan				
					Exp #=22455				
					Streamers with cavity				
84/11/03 DOY=308									
Event # = 20710									
84/11/03, 00:43	DOY=308	Peak	End times	SMM Pointing:	N04W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg		
G0ES	00:15		01:00	Importance=A8					
UVSP	00:00			Wavelength=2662A	Qual=01				
C/P	00:16			PA=82deg	Code=00				
Radio Sweeps				Type/Intensity: 11/2 V/2	Streamers with cavity				
					Exp #=22515				
					Streamers with cavity				
84/11/04 DOY=309									
Event # = 7460									
84/11/04, 02:52	DOY=309	Peak	End times	SMM Pointing:	N07E85	Pitch=-118", Yaw=+958", Roll=0deg	H. Ang=85deg		
G0ES	02:31		02:58	Importance=A9					
HRBS	02:48:19		02:50:23	Peak...c/s=95	Qual=04				
UVSP	02:56			Wavelength=2798A	Qual=01				
					Code=02				
					Exp #=22542				
					Streamers with cavity				
84/11/05 DOY=310									
Event # = 12731									
84/11/05, 17:02	DOY=310	Peak	End times	SMM Pointing:	S01W72	Pitch=+30", Yaw=-923", Roll=0deg	H. Ang=72deg		
HRBS	17:02:22		17:02:28	Peak...c/s=38	Qual=01				
UVSP	16:28			Wavelength=1982A					
					Exp #=22584				
					Streamers with cavity				
84/11/09 DOY=314									
Event # = 20711									
84/11/09, 22:55	DOY=314	Peak	End times	SMM Pointing:	N17E18	Pitch=-231", Yaw=+294", Roll=0deg	H. Ang=23deg		
Optical				Code=EPL					
G0ES					S18W90				
C/P	22:55	Extrap	St=11/09, 14:52	PA=240deg	Qual=00				
					Mound, dark cavity?				
					Exp #=22584				
					Streamers with cavity				
84/11/10 DOY=315									
Event # = 7464									
84/11/10, 00:08	DOY=315	Peak	End times	SMM Pointing:	N17E18	Pitch=-231", Yaw=+294", Roll=0deg	H. Ang=23deg		
G0ES	23:53		00:30	Importance=B1					
HRBS	00:25:06		00:25:48	Peak...c/s=78	Qual=05				
					Qual=01				
					MaxkeV=89				

Event # = 20634									
84/11/10, 04:37	Start	DOY=315	End times	SMM Pointing:	N17E16	Pitch=-230", Yaw=+255", Roll=0deg	H.Ang=21deg		
Optical		Peak		Ha...Class=1B					
GOES	04:28	04:37	04:50	Importance=M2	AR4592	Mac.=DAO	Carr.Lon.=260deg	H.Ang=19deg	
BCS	05:14	05:14	05:17	CaPeak.c/s=21	Qual=5	FePeak.c/s=8	#Peaks=1	XEN=431500	
FCS	05:15	05:15		Peak3..c/s=14		Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
Radio Sweeps									
Type/Intensity: 11/3 IV/1									
Radio Frequency(MHz)/Flux(sfu): 245/82000 410/12000 606/22000 1415/2800 2695/390 4995/670 8800/1300 15400/1100									
Event # = 20635									
84/11/10, 19:53	Start	DOY=315	End times	SMM Pointing:	N17E07	Pitch=-229", Yaw=+117", Roll=0deg	H.Ang=15deg		
Optical		Peak		Ha...Class=SB					
GOES	19:46	19:53	19:59	Importance=C9	AR4592	Mac.=DAO	Carr.Lon.=260deg	H.Ang=14deg	
BCS	19:50	19:52	19:56	CaPeak.c/s=32	Qual=2	FePeak.c/s=18	#Peaks=2	XEN=431502	
FCS	19:55	19:55		Peak3..c/s=234		Rast=0"x0"	Step=0"	Cad= 768s	768.0s/pixel
Event # = 7465									
84/11/10, 20:10	Start	DOY=315	End times	SMM Pointing:	N17E07	Pitch=-229", Yaw=+117", Roll=0deg	H.Ang=15deg		
Optical		Peak		Ha...Class=1B					
GOES	20:01	20:10	20:34	Importance=M3	AR4592	Mac.=DAO	Carr.Lon.=257deg	H.Ang=17deg	
HXRBS	20:02:05	20:07:03	20:08:07	Peak....c/s=5530	Qual=03	Tot Cts=3.64E+5	MaxkeV=246	Flags=EN	
GRS	20:02:00						>10MeV=N		
BCS	20:02	20:07	21:18	CaPeak.c/s=1749	Qual=5	FePeak=20:07	#Peaks=1	XEN=431503	
FCS	20:06	20:06		Peak3..c/s=373		FePeak.c/s=976	Step=0"	Cad= 768s	768.0s/pixel
Radio Sweeps									
Type/Intensity: 11/1 III/1 V/1									
Radio Frequency(MHz)/Flux(sfu): 245/1500 410/450 606/1200 1415/490 2695/330 4995/400 8800/730 15400/320									
Event # = 7466									
84/11/10, 20:48	Start	DOY=315	End times	SMM Pointing:	N16E06	Pitch=-214", Yaw=+105", Roll=0deg	H.Ang=14deg		
GOES		Peak							
HXRBS	20:46:13	20:48:22	20:49:08	Peak....c/s=71	Qual=00	MaxkeV=89			
Event # = 8367									
84/11/12, 10:17	Start	DOY=317	End times	SMM Pointing:	N16W14	Pitch=-216", Yaw=-219", Roll=0deg	H.Ang=18deg		
Optical		Peak		Ha...Class=1N	AR4592	Mac.=DAO	Carr.Lon.=260deg	H.Ang=22deg	
GOES	09:52	10:17	10:42	Importance=C4	Qual=05	MaxkeV=89	Flags=1, SN, ES	XEN=431700	
HXRBS	10:27:58	10:28:17	10:31:19	Peak....c/s=103	Qual=04	Tot Cts=4570	#Peaks=1	Cad=3840s	3840s/pixel
BCS	10:28	10:29	11:00	CaPeak.c/s=130	Qual=8	FePeak=10:28	Step=0"	Pitch=+21", Yaw=-5"	
FCS	10:29	10:29		Peak3..c/s=1185		Rast=10"x10"	Step=0"		
UVSP	09:56			Wavelength=1551A	Exp #=22638				
Radio Sweeps									
Type/Intensity: 11/1									
Radio Frequency(MHz)/Flux(sfu): 245/210 410/890 606/670 1415/120 2695/25 4995/15 8800/16 15400/49									
Event # = 20727									
84/11/14, 00:22	Start	DOY=319	End times	SMM Pointing:	N15W38	Pitch=-213", Yaw=-583", Roll=0deg	H.Ang=40deg		
GOES		Peak							
UVSP	23:41			Wavelength=1551A	Qual=00	Rast=10"x10"	Step=0"	Pitch=-212", Yaw=-541"	
C/P	00:22			PA=101deg	Exp #=22747				

Event # = 12732									
84/11/14, 04:01	DOY=319	SMM Pointing:		N15W41	Pitch=-215", Yaw=-620", Roll=0deg		H. Ang=42deg		
Start	Peak	End times							
HXRBS 04:01:50	04:01:53	04:01:57	Peak...c/s=62	Qual=01	Tot Cts=40	MaxkeV=222	Flags=NS,GB		
84/11/16 DOY=321									
Event # = 7467									
84/11/16, 14:24	DOY=321	SMM Pointing:		N15W72	Pitch=-237", Yaw=-894", Roll=0deg		H. Ang=72deg		
Start	Peak	End times							
Optical									
GOES 14:02	14:24	14:45	Ha...Class=SF	N17W74	AR4592		H. Ang=74deg		
HXRBS 14:12:57	14:14:57	14:18:41	Importance=B7	Qual=01			Carr. Lon.=263deg		
UVSP 15:13			Peak...c/s=171	Qual=01	Tot Cts=6014	MaxkeV=109	Step=3" Pitch=+125", Yaw=+253"		
			Wavelength=3084A		Exp #=22909	Rast=15"x15"			
Event # = 20520									
84/11/16, 15:44	DOY=321	SMM Pointing:			Wavelength=1550A				
Start	Peak	End times							
GOES									
UVSP 15:21				Qual=00	Exp #=22912	Rast=3"x3"	Step=0" Pitch=+53", Yaw=+397"		
C/P 15:44	Extrap St=11/16, 11:00	PA=286deg							
84/11/17 DOY=322									
Event # = 20712									
84/11/17, 23:12	DOY=322	SMM Pointing:		N10W72	Pitch=-156", Yaw=-910", Roll=0deg		H. Ang=72deg		
Start	Peak	End times							
Optical									
GOES				N18E80	Qual=00		H. Ang=80deg		
UVSP 22:41			Wavelength=1639A		Exp #=22951	Rast=250"x250"	Step=10" Pitch=-172", Yaw=-888"		
C/P 23:12	Extrap St=11/17, 12:21	PA=75deg		Wisp or part of loop					
84/11/19 DOY=324									
Event # = 12733									
84/11/19, 22:32	DOY=324	SMM Pointing:		S10E87	Pitch=+168", Yaw=+957", Roll=0deg		H. Ang=87deg		
Start	Peak	End times							
HXRBS 22:32:26	22:32:39	22:33:25	Peak...c/s=73	Qual=01	Tot Cts=592	MaxkeV=222	Flags=NS,GB		
UVSP 22:02			Wavelength=1548A		Exp #=23024	Rast=39"x39"	Step=3" Pitch=+200", Yaw=+951"		
84/11/22 DOY=327									
Event # = 7475									
84/11/22, 05:18	DOY=327	SMM Pointing:		S83W00	Pitch=+970", Yaw=+1", Roll=0deg		H. Ang=85deg		
Start	Peak	End times							
Optical									
GOES 05:12	05:18	05:21	Ha...Class=SF	S12E50	AR4598	Mac.=EH0	H. Ang=52deg		
HXRBS 05:14:12	05:15:37	05:15:58	Importance=B3	Qual=01			Carr. Lon.=65deg		
UVSP 05:19			Peak...c/s=154	Qual=01	Tot Cts=2798	MaxkeV=48	Step=3" Pitch=-998", Yaw=+55"		
Radio Sweeps	Type/Intensity:		Wavelength=3108A	Code=02	Exp #=23126	Rast=243"x243"			
Frequency(MHz)/Flux(sfu):	245/100 410/15		111/3						
84/11/24 DOY=329									
Event # = 20713									
84/11/24, 17:04	DOY=329	SMM Pointing:		S13E22	Pitch=+245", Yaw=+353", Roll=0deg		H. Ang=26deg		
Start	Peak	End times							
Optical									
GOES				N18W90	Qual=00		H. Ang=90deg		
UVSP 16:53			Code=EPL		Exp #=23258	Rast=120"x120"	Step=10" Pitch=+195", Yaw=+419"		
C/P 17:04	Extrap St=11/24, 12:26	PA=292deg	Wavelength=1373A						



Event # = 12734		84/11/25		DOY=330	
84/11/25, 09:08	Start	S13E13		Pitch=+247", Yaw=+209", Roll=0deg	
DOY=330	Peak	SMM Pointing:		H. Ang=19deg	
End times		Peak...c/s=74		MaxkeV=407	
09:08:17	09:08:19	Qual=01		Rast=240"x240"	
09:08:17	09:08:25	WaveLength=1550A		Flags=NS,GB	
09:08:17	09:08:25	Tot Cts=85		Step=3"	
09:08:17	09:08:25	Exp #=23290		Pitch=+229", Yaw=+226"	
09:08:17	09:08:25				
Event # = 7476		84/11/25		DOY=330	
84/11/25, 23:19	Start	S13E07		Pitch=+242", Yaw=+115", Roll=0deg	
DOY=330	Peak	SMM Pointing:		H. Ang=16deg	
End times		Ha...Class=SN		Mac.=EH0	
09:08:17	09:08:19	Importance=B6		Carr. Lon.=57deg	
09:08:17	09:08:25	Peak...c/s=166		AR4598	
09:08:17	09:08:25	Qual=01		MaxkeV=68	
09:08:17	09:08:25	CaPeak.c/s=30		FePeak.c/s=7	
09:08:17	09:08:25	Peak3...c/s=27		#Peaks=2	
09:08:17	09:08:25	WaveLength=1548A		dt= 7.7s	
09:08:17	09:08:25	Code=00		Cad= 768s	
09:08:17	09:08:25	Exp #=23301		Step=0"	
09:08:17	09:08:25			Rast=240"x240"	
09:08:17	09:08:25			Pitch=+215", Yaw=+145"	
Event # = 7477		84/11/26		DOY=331	
84/11/26, 12:58	Start	S13W01		Pitch=+243", Yaw=-15", Roll=0deg	
DOY=331	Peak	SMM Pointing:		H. Ang=14deg	
End times		Importance=B1			
12:58	12:59	Peak...c/s=85		MaxkeV=89	
12:58:21	12:59:06	WaveLength=2800A		Rast=240"x240"	
12:58:21	12:59:06	Code=00		Step=3"	
12:58:21	12:59:06	Exp #=23327		Pitch=+225", Yaw=+7"	
Event # = 7478		84/11/26		DOY=331	
84/11/26, 19:15	Start	N07E14		Pitch=-96", Yaw=+239", Roll=0deg	
DOY=331	Peak	SMM Pointing:		H. Ang=15deg	
End times		Ha...Class=SN		Mac.=EH0	
19:15	19:19	Importance=C2		Carr. Lon.=55deg	
19:14:43	19:16:30	Peak...c/s=880		Flags=M	
19:14:43	19:16:30	Qual=01		MaxkeV=109	
19:14:43	19:16:30	Tot Cts=19025		Pitch=-123", Yaw=+268"	
19:14:43	19:16:30				
Event # = 7479		84/11/27		DOY=332	
84/11/27, 02:22	Start	S13W08		Pitch=+240", Yaw=-128", Roll=0deg	
DOY=332	Peak	SMM Pointing:		H. Ang=16deg	
End times		Ha...Class=SN		Mac.=EK0	
02:22	02:27	Importance=C2		Carr. Lon.=55deg	
02:18:15	02:19:51	Peak...c/s=154		AR4598	
02:18:15	02:19:51	Qual=01		MaxkeV=68	
02:18:15	02:19:51	CaPeak.c/s=139		FePeak.c/s=25	
02:18:15	02:19:51	Peak3...c/s=87		#Peaks=1	
02:18:15	02:19:51	WaveLength=1548A		dt= 3.8s	
02:18:15	02:19:51	Code=00		Cad= 129s	
02:18:15	02:19:51	Exp #=23301		Step=0"	
02:18:15	02:19:51			Rast=240"x240"	
02:18:15	02:19:51			Pitch=+213", Yaw=-98"	
Event # = 7479		84/11/27		DOY=332	
84/11/27, 02:22	Start	S13W08		Pitch=+240", Yaw=-128", Roll=0deg	
DOY=332	Peak	SMM Pointing:		H. Ang=16deg	
End times		Ha...Class=SN		Mac.=EK0	
02:22	02:27	Importance=C2		Carr. Lon.=55deg	
02:18:15	02:19:51	Peak...c/s=154		AR4598	
02:18:15	02:19:51	Qual=01		MaxkeV=68	
02:18:15	02:19:51	CaPeak.c/s=139		FePeak.c/s=25	
02:18:15	02:19:51	Peak3...c/s=87		#Peaks=1	
02:18:15	02:19:51	WaveLength=1548A		dt= 3.8s	
02:18:15	02:19:51	Code=00		Cad= 129s	
02:18:15	02:19:51	Exp #=23301		Step=0"	
02:18:15	02:19:51			Rast=240"x240"	
02:18:15	02:19:51			Pitch=+213", Yaw=-98"	

Event # = 7480									
84/11/27, 04:54	Start	DOY=332	End times	SMM Pointing:	S13W09		Pitch=+240", Yaw=-156", Roll=0deg	H. Ang=17deg	
Optical		Peak							
GOES 04:45	04:54	04:54	05:00	Ha...Class=SF	S09W05	AR4598	Mac.=EKO	Carr. Lon.=55deg	H. Ang=11deg
HXRBS 04:50:12	04:50:45	04:51:53		Importance=C1	Qual=01				
BCS 04:50	04:52	05:09		Peak...c/s=189	Qual=01	Tot Cts=3416	MaxkeV=89	#Peaks=1	dt= 3.8s
FCS	04:56			CaPeak.c/s=70	Qual= 1	FePeak=04:52	Rast=0"x0"	Step=0"	XEN=433201
UVSP				Peak3...c/s=357					
Radio									
Type/Intensity: III/2									
Radio	Sweeps	Frequency(MHz)/Flux(sfu):	245/150	410/46	606/200	1415/35	2695/12	4995/12	
Event # = 7481									
84/11/27, 06:31	Start	DOY=332	End times	SMM Pointing:	S13W10		Pitch=+240", Yaw=-171", Roll=0deg	H. Ang=18deg	
Optical		Peak							
GOES 06:19	06:31	06:38		Ha...Class=SF	S09W06	AR4598	Mac.=EKO	Carr. Lon.=55deg	H. Ang=12deg
HXRBS 06:23:36	06:23:54	06:24:01		Importance=C2	Qual=01				
BCS 06:22	06:30	06:41		Peak...c/s=75	Qual=01				
FCS	06:30			CaPeak.c/s=135	Qual= 1	FePeak=06:30	MaxkeV=48	#Peaks=1	dt= 3.8s
UVSP				Peak3...c/s=511					
Radio									
Frequency(MHz)/Flux(sfu): 245/41 410/3 606/8 1415/10 2695/7 4995/7 8800/6 15400/7									
Event # = 20714									
84/11/27, 10:27	Start	DOY=332	End times	SMM Pointing:	S13W12		Pitch=+240", Yaw=-199", Roll=0deg	H. Ang=19deg	
Optical		Peak							
GOES 10:27				Code=APR	S23E90		Carr. Lon.=316deg	H. Ang=90deg	
UVSP					Qual=00				
C/P	10:27			PA=1115deg					
Eruption of streamer									
Event # = 7482									
84/11/27, 10:58	Start	DOY=332	End times	SMM Pointing:	S13W13		Pitch=+241", Yaw=-212", Roll=0deg	H. Ang=19deg	
Optical		Peak							
GOES 10:46	10:58	11:09		Ha...Class=1B	S11W12	AR4598	Mac.=EKO	Carr. Lon.=58deg	H. Ang=17deg
HXRBS 10:54:18	10:56:41	11:09:24		Importance=C8	Qual=04				
BCS 10:54	10:58	11:27		Peak...c/s=397	Qual=02	Tot Cts=37152	MaxkeV=109	Flags=SN	
FCS	11:03			CaPeak.c/s=586	Qual= 1	FePeak=10:57	Rast=180"x180"	#Peaks=2	XEN=433208
UVSP				Peak3...c/s=58					
Radio									
Frequency(MHz)/Flux(sfu): 1415/9 2695/30 4995/74 8800/97									
Event # = 7483									
84/11/27, 14:10	Start	DOY=332	End times	SMM Pointing:	N07E04		Pitch=-99", Yaw=+66", Roll=0deg	H. Ang=7deg	
GOES 13:55	14:10	14:20		Importance=B1	Qual=04				
HXRBS 14:07:32	14:07:34	14:07:54		Peak...c/s=74	Qual=01	Tot Cts=347	MaxkeV=407		
UVSP									
Pitch=-125", Yaw=+94"									

Event # = 7484									
84/11/27, 18:47	Start	DOY=332	Peak	End times	SMM Pointing:	N07E02	Pitch=-100", Yaw=+35", Roll=0deg	H.Ang=6deg	
Optical					Ha...Class=18				
G0ES	18:32	18:47	18:56	18:50:19	Importance=M1	S09W13	Mac.=EKO	Carr.=55deg	H.Ang=17deg
HXRBS	18:46:21	18:46:38	18:50:19	18:50:19	Peak...c/s=114	Qual=05			
BCS	18:46	18:50	18:53	18:53	CaPeak.c/s=31	Qual= 4	MaxkeV=48		
FCS		18:51			Peak3..c/s=13		dt= 7.7s	XEN=433211	
UVSP							Rast=0"x0"	Cad=3840s	3840s/pixel
Radio					Frequency(MHz)/Flux(sfu):	606/73 2695/19 4995/38 8800/50	Pitch=-125", Yaw=+50"		
84/11/28 DOY=333									
Event # = 20637									
84/11/28, 00:51	Start	DOY=333	Peak	End times	SMM Pointing:	N07W01	Pitch=-97", Yaw=-24", Roll=0deg	H.Ang=6deg	
Optical					Ha...Class=1N				
G0ES	00:17	00:51	01:04	01:04	Importance=M1	S08W14	Mac.=EKO	Carr.=53deg	H.Ang=17deg
BCS	01:04	01:04	01:32	01:32	CaPeak.c/s=187	Qual= 5	FePeak.c/s=16	#Peaks=1	XEN=433300
FCS		01:24			Peak3..c/s=183		Rast=420"x420"	Step=10"	Cad=1806s
UVSP							Pitch=+211", Yaw=-307"		1.024s/pixel
Radio					Frequency(MHz)/Flux(sfu):	245/140 410/20 1415/62 2695/19 4995/29 8800/34 15400/23			
Event # = 7485									
84/11/28, 08:09	Start	DOY=333	Peak	End times	SMM Pointing:	S12W20	Pitch=+222", Yaw=-323", Roll=0deg	H.Ang=24deg	
Optical					Ha...Class=SF				
G0ES	08:03	08:09	08:15	08:05:52	Importance=B2	S11W22	Mac.=EHO	Carr.=57deg	H.Ang=25deg
HXRBS	08:05:29	08:05:36	08:05:52	08:05:52	Peak...c/s=104	Qual=01	MaxkeV=48		
UVSP	07:54				Wave length=1548A	Code=00	Rast=10"x10"	Step=0"	Pitch=+196", Yaw=-353"
Event # = 20651									
84/11/28, 12:44	Start	DOY=333	Peak	End times	SMM Pointing:	S12W22	Pitch=+223", Yaw=-361", Roll=0deg	H.Ang=26deg	
Optical					Ha...Class=SN				
G0ES	12:29	12:44	12:53	12:46	Importance=B6	S11W25	Mac.=EKO	Carr.=57deg	H.Ang=28deg
BCS	12:41	12:43	12:46	12:46	CaPeak.c/s=20	Qual= 1	FePeak.c/s=10	#Peaks=1	XEN=433301
UVSP	12:37				Wave length=1548A	Code=00	Rast=10"x10"	Step=0"	Pitch=+226", Yaw=-364"
Event # = 20652									
84/11/28, 12:56	Start	DOY=333	Peak	End times	SMM Pointing:	S12W22	Pitch=+223", Yaw=-361", Roll=0deg	H.Ang=26deg	
Optical					Ha...Class=SN				
G0ES	12:53	12:56	12:59	12:58	Importance=B6	S11W25	Mac.=EKO	Carr.=57deg	H.Ang=28deg
BCS	12:55	12:57	12:58	12:58	CaPeak.c/s=21	Qual= 1	FePeak.c/s=16	#Peaks=1	dt= 7.7s
UVSP	12:37				Wave length=1548A	Code=00	Rast=10"x10"	Step=0"	XEN=433302
84/12/01 DOY=336									
Event # = 20715									
84/12/01, 14:33	Start	DOY=336	Peak	End times	SMM Pointing:	S12W68	Pitch=+207", Yaw=-885", Roll=0deg	H.Ang=69deg	
Optical					Ha...Class=SF				
Optical					Code=LPS	N19E90			
G0ES	14:04	14:33	15:20	15:20	Importance=C1	N19E90	Carr.=261deg	H.Ang=90deg	
UVSP	14:15				Wave length=1373A	Qual=02	Rast=110"x110"	Step=10"	Pitch=+212", Yaw=-893"

Event # = 20521									
84/12/01,15:46	DOY=336	Peak	End times						
GOES	15:42	Start	15:46	Extrap	St=12/01,14:38	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
UVSP	15:46	Peak	15:46	Extrap	St=12/01,14:38	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
C/P	15:46	End times	15:46	Extrap	St=12/01,14:38	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
Event # = 8393									
84/12/01,18:51	DOY=336	Peak	End times						
GOES	18:47	Start	18:51	Extrap	St=12/01,18:47	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
HXRBS	18:47	Peak	18:51	Extrap	St=12/01,18:47	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
UVSP	18:53	End times	18:53	Extrap	St=12/01,18:47	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
Event # = 7486									
84/12/03,10:49	DOY=338	Peak	End times						
GOES	10:48	Start	10:50	Extrap	St=12/03,10:48	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
HXRBS	10:48	Peak	10:50	Extrap	St=12/03,10:48	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
UVSP	10:07	End times	10:07	Extrap	St=12/03,10:48	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
Event # = 7492									
84/12/05,01:29	DOY=340	Peak	End times						
GOES	01:28	Start	01:30	Extrap	St=12/05,01:28	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
HXRBS	01:28	Peak	01:30	Extrap	St=12/05,01:28	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
UVSP	01:28	End times	01:28	Extrap	St=12/05,01:28	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
Event # = 20716									
84/12/09,23:33	DOY=344	Peak	End times						
GOES	23:32	Start	23:33	Extrap	St=12/09,23:32	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
HXRBS	23:32	Peak	23:33	Extrap	St=12/09,23:32	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
UVSP	23:33	End times	23:33	Extrap	St=12/09,23:32	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
C/P	23:33	End times	23:33	Extrap	St=12/09,23:32	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
Event # = 8395									
84/12/13,03:15	DOY=348	Peak	End times						
GOES	03:14	Start	03:15	Extrap	St=12/13,03:14	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
HXRBS	03:14	Peak	03:15	Extrap	St=12/13,03:14	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
UVSP	03:13	End times	03:13	Extrap	St=12/13,03:14	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
C/P	03:13	End times	03:13	Extrap	St=12/13,03:14	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
Event # = 20717									
84/12/24,06:33	DOY=359	Peak	End times						
GOES	06:32	Start	06:33	Extrap	St=12/24,06:32	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
HXRBS	06:32	Peak	06:33	Extrap	St=12/24,06:32	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
UVSP	06:33	End times	06:33	Extrap	St=12/24,06:32	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591
C/P	06:33	End times	06:33	Extrap	St=12/24,06:32	PA=88deg	Wavelength=1373A	Qual=00	Exp #=23591

Event # = 20718		84/12/25	DOY=360			Pitch=+186", Yaw=-387", Roll=0deg	H. Ang=26deg
84/12/25, 14:01	DOY=360	S13W24	Qual=00	Exp #=24605	Step=0"	Pitch=+243", Yaw=-453"	
GOES	13:52	WaveLength=1372A	Bulge in streamer				
UVSP	14:01	PA=265deg					
Event # = 7521		85/01/01	DOY=1			Pitch=+134", Yaw=-668", Roll=0deg	H. Ang=44deg
85/01/01, 08:35	DOY=1	S10W44	Qual=01	Tot Cts=294	Flags=NS,GB		
HXRBS	08:35:51	Peak...c/s=151	Exp #=24892				
UVSP	08:28	WaveLength=1373A					
Event # = 8401		85/01/14	DOY=14			Pitch=+26", Yaw=+32", Roll=0deg	H. Ang=2deg
85/01/14, 06:06	DOY=14	S06E02	Qual=01	Flags=I			
GOES	06:05	Importance=81					
HXRBS	06:04:27	Peak...c/s=85	Tot Cts=618				
Event # = 20534		85/01/15	DOY=15			Pitch=+60", Yaw=-289", Roll=0deg	H. Ang=18deg
85/01/15, 19:16	DOY=15	S08W17	Qual=05	FePeak=19:39	#Peaks=1		
Optical	19:12	Ha...Class=1N	AR4616				
GOES	19:16	Importance=C3					
BGS	19:38	CaPeak.c/s=80	Qual=5	Exp #=25407			
FCS	20:02	Peak3...c/s=709					
UVSP	19:40	WaveLength=1372A					
Radio	Frequency(MHz)/Flux(sfu):	245/19 410/29 1415/80 2695/46					
Event # = 8402		85/01/16	DOY=16			Pitch=+107", Yaw=-422", Roll=0deg	H. Ang=26deg
85/01/16, 10:25	DOY=16	S11W26	Qual=01	Tot Cts=1532	Flags=I		
GOES	10:15	Importance=A7	Qual=01	Exp #=25442			
HXRBS	10:16:36	Peak...c/s=95	Code=00				
UVSP	10:13	WaveLength=1372A					
Event # = 20544		85/01/17	DOY=17			Pitch=+108", Yaw=-646", Roll=0deg	H. Ang=42deg
85/01/17, 14:10	DOY=17	S10W42	Qual=05	FePeak=14:07	#Peaks=1		
Optical	14:02	Ha...Class=SN	AR4616				
GOES	14:07	Importance=B4	Qual=5				
BGS	14:07	CaPeak.c/s=25					
FCS	14:09	Peak3...c/s=175					
UVSP	14:09	WaveLength=1373A	Code=00	Exp #=25547			

Event # = 8403	85/01/18	DOY=18			85/01/18	DOY=18			Pitch=+123", Yaw=-792", Roll=0deg	H. Ang=55deg
85/01/18, 15:25	Start	Peak	DOY=18		S10W55					
GOES 15:21	15:25	15:31	Importance=B2		Qual=01					
HXRBS 15:24:15	15:24:30	15:24:56	Peak...c/s=131		Qual=01					
UVSP 15:23			Wavelength=1548A		Code=00					
									MaxkeV=70	Flags=1
									Rast=255"x249"	Pitch=+115", Yaw=-760"
Event # = 7541	85/01/19	DOY=19			85/01/19	DOY=19			Pitch=+132", Yaw=-864", Roll=0deg	H. Ang=63deg
85/01/19, 07:04	Start	Peak	DOY=19		S10W64					
Optical										
GOES 07:02	07:04	07:25	Ha...Class=SF		S06W65					
HXRBS 07:01:58	07:02:16	07:02:38	Importance=B5		Qual=01					
BCS 07:03	07:05	07:11	Peak...c/s=82		Qual=01					
FCS	07:04		CaPeak.c/s=26		Qual=1					
UVSP			Peak3...c/s=384							
Radio			Wavelength=1373A		Code=02					
			Frequency(MHz)/Flux(sfu):		4995/6 8800/6 15400/5					
									Mac.=DAO	Carr. Lon.=135deg
										H. Ang=65deg
									MaxkeV=49	
									FePeak.c/s=9	#Peaks=1
									Rast=0"x0"	dt= 7.7s
									Rast=285"x285"	XEN=501900
									Step=5"	Cad=3840s
									Step=5"	Pitch=+124", Yaw=-830"
Event # = 7542	85/01/20	DOY=20			85/01/20	DOY=20			Pitch=+152", Yaw=-944", Roll=0deg	H. Ang=78deg
85/01/20, 12:57	Start	Peak	DOY=20		S10W79					
GOES 12:52	12:57	13:05	Importance=C2		Qual=01					
HXRBS 12:54:19	12:54:57	12:57:03	Peak...c/s=161		Qual=01					
UVSP 13:03			Wavelength=1546A		Code=02					
									MaxkeV=70	
									Rast=3"x3"	Step=0"
										Pitch=+146", Yaw=-787"
Event # = 7543	85/01/20	DOY=20			85/01/20	DOY=20			Pitch=+72", Yaw=-360", Roll=0deg	H. Ang=22deg
85/01/20, 20:52	Start	Peak	DOY=20		S09W22					
Optical										
GOES 20:41	20:52	21:13	Ha...Class=1B		S09W24					
HXRBS 20:45:27	20:45:51	21:10:36	Importance=M4		Qual=01					
BCS 20:45	20:52	21:25	Peak...c/s=13040		Qual=01					
FCS	20:50		CaPeak.c/s=2883		Qual=1					
UVSP			Peak3...c/s=6685							
Radio			Wavelength=1548A		Code=02					
			I/I							
			Type/Intensity:							
			Frequency(MHz)/Flux(sfu):		245/76 410/120 606/89 1415/185 2695/98 4995/82 8800/160 15400/400					
									Rast=253"x253"	Step=3"
										Pitch=+63", Yaw=-322"
Event # = 20545	85/01/20	DOY=20			85/01/20	DOY=20			Pitch=+72", Yaw=-374", Roll=0deg	H. Ang=23deg
85/01/20, 22:20	Start	Peak	DOY=20		S09W23					
BCS 22:20	22:20	22:22	CaPeak.c/s=25		Qual=5					
FCS	22:20		Peak3...c/s=25							
UVSP	22:27		Wavelength=1548A							
									FePeak.c/s=7	#Peaks=1
									Rast=0"x0"	dt= 7.7s
									Rast=255"x128"	XEN=502001
									Step=1"	Cad=3840s
									Step=1"	Pitch=+62", Yaw=-362"
Event # = 20591	85/01/21	DOY=21			85/01/21	DOY=21			Pitch=+73", Yaw=-388", Roll=0deg	H. Ang=24deg
85/01/21, 00:05	Start	Peak	DOY=21		S09W24					
GOES 00:03	00:05	00:08	Importance=B7		Qual=01					
BCS 00:05	00:06	00:06	CaPeak.c/s=18		Qual=1					
UVSP	00:04		Wavelength=1529A		Code=00					
									FePeak.c/s=7	#Peaks=1
									Rast=1"x1"	XEN=502133
									Step=0"	Pitch=+69", Yaw=-384"

Event # = 7544									
85/01/21,00:12	Start	DOY=21		SMM Pointing:	S09W24		Pitch=+73", Yaw=-388", Roll=0deg	H. Ang=24deg	
Optical		Peak							
GOES 00:08	00:12	01:00		Ha...Class=SN	S10W25	AR4617	Mac.=EKI	Carr. Lon.=73deg	H. Ang=25deg
HXRBS 00:10:58	00:11:24	00:13:18		Importance=C2	Qual=01				
BCS 00:11	00:12	00:18		Peak...c/s=163	Qual=01				
UVSP 00:04				CaPeak.c/s=64	Qual=1	Tot Cts=3036	MaxkeV=49	#Peaks=1	XEN=502134
				Wavelength=1529A	Code=00	FePeak=00:12	Rast=1"x1"	Step=0"	Pitch=+69", Yaw=-384"
						Exp #=25725			
Event # = 20592									
85/01/21,02:02	Start	DOY=21		SMM Pointing:	S09W25		Pitch=+73", Yaw=-401", Roll=0deg	H. Ang=25deg	
GOES 01:59	02:02	02:04		Importance=B6	Qual=01				
UVSP 01:41				Wavelength=1548A	Code=00	Exp #=25727	Rast=84"x84"	Step=1"	Pitch=+74", Yaw=-387"
Event # = 8404									
85/01/21,02:18	Start	DOY=21		SMM Pointing:	S09W25		Pitch=+73", Yaw=-401", Roll=0deg	H. Ang=25deg	
Optical		Peak							
GOES 02:13	02:18	02:31		Ha...Class=SN	S09W29	AR4617	Mac.=EKI	Carr. Lon.=75deg	H. Ang=29deg
HXRBS 02:17:39	02:18:16	02:18:46		Importance=C2	Qual=01				
BCS 02:10	02:19	02:24		Peak...c/s=84	Qual=01	Tot Cts=823	MaxkeV=49	Flags=1	XEN=502132
FCS 02:11	02:11			CaPeak.c/s=80	Qual=1	FePeak=02:19	FePeak.c/s=29	#Peaks=1	Cad=16.4s
UVSP 01:41				Peak3...c/s=32	Code=01	Exp #=25727	Rast=0"x0"	Step=0"	16.38s/pixel
				Wavelength=1548A			Rast=84"x84"	Step=1"	Pitch=+74", Yaw=-387"
Event # = 8405									
85/01/21,03:53	Start	DOY=21		SMM Pointing:	S09W25		Pitch=+74", Yaw=-414", Roll=0deg	H. Ang=26deg	
Optical		Peak							
GOES 03:40	03:53	04:08		Ha...Class=1B	S10W30	AR4617	Mac.=EKI	Carr. Lon.=76deg	H. Ang=30deg
HXRBS 03:44:23	03:51:17	04:01:06		Importance=M2	Qual=03				
BCS 03:17	03:52	04:00		Peak...c/s=424	Qual=01	Tot Cts=1.31E+5	MaxkeV=70	Flags=1	XEN=502145
FCS 03:16	03:55			CaPeak.c/s=1489	Qual=3	FePeak=03:51	FePeak.c/s=355	#Peaks=1	dt= 3.8s
UVSP 03:16				Peak3...c/s=24		Exp #=25729	Rast=0"x0"	Step=0"	Cad= 768s
Radio Sweeps				Wavelength=1548A			Rast=84"x84"	Step=1"	Pitch=+74", Yaw=-401"
Radio Frequency(MHz)/Flux(sfu):				I/I					
				1415/26 2695/11 4995/16 8800/30 15400/28					
Event # = 8406									
85/01/21,05:08	Start	DOY=21		SMM Pointing:	S09W26		Pitch=+74", Yaw=-427", Roll=0deg	H. Ang=26deg	
Optical		Peak							
GOES 05:03	05:08	05:32		Ha...Class=1B	S11W29	AR4617	Mac.=EKI	Carr. Lon.=74deg	H. Ang=29deg
HXRBS 05:03:57	05:05:27	05:10:03		Importance=M1	Qual=01				
BCS 04:37	05:08	05:34		Peak...c/s=792	Qual=01	Tot Cts=85891	MaxkeV=133	Flags=1	XEN=502140
FCS 04:50	05:08			CaPeak.c/s=717	Qual=1	FePeak=05:07	FePeak.c/s=197	#Peaks=2	dt= 7.7s
UVSP 04:50	04:54			Peak3...c/s=416	Code=00	Exp #=25731	Rast=420"x420"	Step=10"	Cad=1806s
Radio Frequency(MHz)/Flux(sfu):				Wavelength=1549A			Rast=84"x84"	Step=3"	Pitch=+75", Yaw=-414"
				2695/52 4995/78 8800/100 15400/73					
				Associated Event # = 8407					
HXRBS 05:12:38	05:13:12	05:14:02		Peak...c/s=697	Qual=01	Tot Cts=10528	MaxkeV=112	Flags=1	
Event # = 8408									
85/01/21,06:40	Start	DOY=21		SMM Pointing:	S09W27		Pitch=+75", Yaw=-441", Roll=0deg	H. Ang=27deg	
GOES 06:38	06:40	06:42							
HXRBS 06:37:46	06:38:09	06:39:00		Importance=C1	Qual=01	Tot Cts=573	MaxkeV=49	Flags=1	
UVSP 06:35				Peak...c/s=65	Qual=01	Exp #=25734	Rast=84"x84"	Step=1"	Pitch=+75", Yaw=-429"
				Wavelength=1549A	Code=00				

Event # = 7545									
85/01/21, 07:07	Start	DOY=21	Peak	End times	SMM Pointing:	S09W27	Pitch=+75", Yaw=-441", Roll=0deg	H. Ang=27deg	
Optical					Ha...Class=SN				
GOES	07:03	07:07	07:19	07:19	Importance=C2	Qual=03	Mac.=EKI	Carr. Lon.=72deg	H. Ang=28deg
HXRBS	07:05:49	07:06:45	07:07:46	07:07:46	Peak...c/s=71	Qual=01	MaxkeV=49		
BCS	07:06	07:08	07:09	07:09	CaPeak.c/s=68	Qual= 3	FePeak=07:08	#Peaks=1 dt= 3.8s	XEN=502130
FCS		07:07			Peak3...c/s=58		Rast=84"x84"	Step=1" Pitch=+75", Yaw=-429"	
UVSP	06:35				Wavelength=1549A	Code=00	Exp #=25734		
Event # = 7546									
85/01/21, 08:13	Start	DOY=21	Peak	End times	SMM Pointing:	S09W28	Pitch=+76", Yaw=-454", Roll=0deg	H. Ang=28deg	
GOES					Peak...c/s=69	Qual=00			
HXRBS	08:13:22	08:13:28	08:13:38	08:13:38	Wavelength=1549A	Qual=01	MaxkeV=49		
UVSP	08:19						Rast=84"x84"	Step=1" Pitch=+76", Yaw=-443"	
Event # = 20206									
85/01/21, 10:11	Start	DOY=21	Peak	End times	SMM Pointing:	S09W29	Pitch=+76", Yaw=-467", Roll=0deg	H. Ang=29deg	
Optical					Ha...Class=SN				
GOES	09:47	10:11	10:43	10:43	Importance=C5	Qual=03	Mac.=EKI	Carr. Lon.=74deg	H. Ang=32deg
BCS	09:54	10:10	10:18	10:18	CaPeak.c/s=249	Qual= 3	FePeak=10:08	#Peaks=1 dt= 3.8s	XEN=502131
FCS		10:16			Peak3...c/s=82		Rast=255"x128"	Step=1" Pitch=+66", Yaw=-455"	
UVSP	09:28				Wavelength=1549A	Code=01	Exp #=25737		
Event # = 20219									
85/01/21, 10:47	Start	DOY=21	Peak	End times	SMM Pointing:	S09W29	Pitch=+76", Yaw=-467", Roll=0deg	H. Ang=29deg	
Optical					Ha...Class=SB				
GOES	10:44	10:47	11:00	11:00	Importance=C9	Qual=05	Mac.=EKI	Carr. Lon.=72deg	H. Ang=30deg
BCS	10:55	10:55	11:03	11:03	CaPeak.c/s=23	Qual= 1	FePeak=10:55	#Peaks=1	XEN=502106
FCS		10:57			Peak3...c/s=72		Rast=120"x120"	Step=1" Pitch=-484", Yaw=-63"	
UVSP	11:31				Wavelength=1549A		Exp #=25738		
Event # = 20767									
85/01/21, 11:06	Start	DOY=21	Peak	End times	SMM Pointing:	S09W30	Pitch=-478", Yaw=-78", Roll=90deg	H. Ang=30deg	
GOES	11:04	11:06	11:18	11:18	Importance=C1	Qual=03			
BCS	11:06	11:07	11:34	11:34	CaPeak.c/s=24	Qual= 6	FePeak=11:07	#Peaks=1 dt= 7.7s	XEN=502109
FCS		11:33			Peak3...c/s=84		Rast=120"x120"	Step=1" Pitch=-484", Yaw=-63"	
UVSP	11:31				Wavelength=1549A		Exp #=25738		
Event # = 20780									
85/01/21, 13:15	Start	DOY=21	Peak	End times	SMM Pointing:	S09W31	Pitch=+77", Yaw=-492", Roll=0deg	H. Ang=31deg	
GOES	13:12	13:15	13:19	13:19	Importance=B9	Qual=01			
BCS	13:14	13:14	13:17	13:17	CaPeak.c/s=37	Qual= 5	FePeak=13:14	#Peaks=1	XEN=502111
FCS		13:14			Peak3...c/s=31				
UVSP	13:14								
Event # = 20819									
85/01/21, 13:22	Start	DOY=21	Peak	End times	SMM Pointing:	S09W31	Pitch=+77", Yaw=-492", Roll=0deg	H. Ang=31deg	
GOES	13:19	13:22	13:30	13:30	Importance=C1	Qual=03			
BCS	13:20	13:22	13:27	13:27	CaPeak.c/s=28	Qual= 1	FePeak=13:21	#Peaks=1 dt= 7.7s	XEN=502113
FCS		13:23			Peak3...c/s=28				



Event # = 7547  
85/01/21,14:22 DOY=21 Pitch=+78", Yaw=-504", Roll=0deg H.Ang=31deg  
Start Peak  
Optical AR4617 Mac.=EKI Carr.Lon.=74deg H.Ang=34deg  
GOES 14:09 14:22 14:36 Ha...Class=SB S09W32 S08W34 Qual=03  
HXRBs 14:11:06 14:17:19 14:20:14 Importance=M2 Qual=03  
BCS 14:04 14:19 15:01 Peak...c/s=1784 Qual=03  
FCS 14:56 15:01 15:55 CaPeak.c/s=1522 Qual=1  
Radio Frequency(MHz)/Flux(sfu): 1415/6 2695/8 4995/5 8800/20  
Peak3..c/s=64  
Tot Cts=2.12E+5 MaxkeV=90 Flags=M,ES  
FePeak=14:18 FePeak.c/s=516 #Peaks=1 dt= 7.7s XEN=502123

Event # = 7548  
85/01/21,15:18 DOY=21 Pitch=+78", Yaw=-504", Roll=0deg H.Ang=31deg  
Start Peak  
GOES 15:14 15:18 15:49 SMM Pointing: S09W32 S08W34 Qual=05  
HXRBs 15:48:04 15:48:24 15:49:14 Importance=M1 Qual=01  
BCS 15:38 15:55 15:55 Peak...c/s=111 Qual=5  
FCS 15:42 15:55 15:55 CaPeak.c/s=70 Qual=1  
UVSP 15:46 15:55 15:55 Peak3..c/s=48  
Radio Frequency(MHz)/Flux(sfu): 2695/19 4995/65 8800/160 15400/150  
Wavelength=1544A  
Exp #=25740  
Rast=1"x1" Step=0" Pitch=+79", Yaw=-502"

Event # = 20818  
85/01/21,16:32 DOY=21 Pitch=+80", Yaw=-515", Roll=0deg H.Ang=32deg  
Start Peak  
GOES 16:30 16:32 16:40 SMM Pointing: S09W32 S08W34 Qual=03  
UVSP 15:58 16:32 16:40 Importance=C1 Qual=03  
Wavelength=1549A  
Exp #=25743  
Rast=3"x3" Step=1" Pitch=+103", Yaw=-551"

Event # = 7549  
85/01/21,17:19 DOY=21 Pitch=+80", Yaw=-529", Roll=0deg H.Ang=33deg  
Start Peak  
GOES 17:11 17:19 17:32 SMM Pointing: S09W33 S08W34 Qual=01  
HXRBs 17:12:32 17:17:30 17:27:33 Importance=C1 Qual=02  
UVSP 17:19 17:32 17:33 Peak...c/s=200 Qual=02  
Wavelength=1549A Code=02  
Tot Cts=55595  
Exp #=25744  
MaxkeV=49 Flags=SN  
Rast=60"x60" Step=1" Pitch=+104", Yaw=-562"

Event # = 7550  
85/01/21,17:36 DOY=21 Pitch=+80", Yaw=-529", Roll=0deg H.Ang=33deg  
Start Peak  
Optical AR4617 Mac.=EKI Carr.Lon.=72deg H.Ang=34deg  
GOES 17:34 17:36 17:38 Ha...Class=SN S09W33 S08W34 Qual=05  
HXRBs 17:36:26 17:37:11 17:37:20 Importance=C1 Qual=03  
UVSP 17:24 17:37:11 17:37:20 Peak...c/s=93 Qual=03  
Wavelength=1549A Code=00  
Tot Cts=1048  
Exp #=25745  
MaxkeV=49 Flags=ES  
Rast=3"x3" Step=1" Pitch=+123", Yaw=-560"

Event # = 20815  
85/01/21,19:00 DOY=21 Pitch=+81", Yaw=-541", Roll=0deg H.Ang=34deg  
Start Peak  
GOES 18:47 19:00 19:05 SMM Pointing: S09W34 S08W34 Qual=01  
BCS 18:47 19:00 19:18 Importance=C4 Qual=1  
FCS 18:50 19:00 19:18 CaPeak.c/s=101 Qual=1  
UVSP 18:58 19:00 19:18 Peak3..c/s=134 Qual=1  
Wavelength=1549A Code=00  
FePeak.c/s=11 #Peaks=1 dt= 3.8s XEN=502144  
Rast=0"x0" Step=0" Cad=3840s 3840s/pixel  
Rast=3"x3" Step=1" Pitch=+96", Yaw=-587"

Event # = 20346									
85/01/21, 20:48	DOY=21	Peak	End times	SMM Pointing:	S09W35	Pitch=+79", Yaw=-554", Roll=0deg	H. Ang=35deg		
Optical									
GOES	20:37	20:48	21:10	Ha...Class=SN	S08W34	Mac.=EKI	H. Ang=34deg		
BCS	20:47	20:47	20:48	Importance=C1	Qual=01	Carr. Lon.=70deg			
FCS	20:48	20:48		CaPeak.c/s=18	Qual=1	FePeak.c/s=8	XEN=502146		
UVSP	20:32			Peak3..c/s=29	FePeak=20:48	Rast=0"x0"	3840s/pixel		
				Wavelength=1549A	Code=00	Rast=3"x3"	Pitch=+79", Yaw=-574"		
				Exp #=25749		Step=1"			
Event # = 7551									
85/01/21, 21:31	DOY=21	Peak	End times	SMM Pointing:	S09W35	Pitch=+79", Yaw=-554", Roll=0deg	H. Ang=35deg		
Optical									
GOES	21:27	21:31	22:07	Ha...Class=1B	S08W38	Mac.=EKI	H. Ang=38deg		
HXRBS	21:55:51	21:56:30	21:56:52	Importance=M1	Qual=05	Carr. Lon.=74deg			
BCS	21:56	21:57	22:03	Peak...c/s=78	Tot Cts=495	MaxkeV=49			
FCS	21:59	22:03		CaPeak.c/s=54	Qual=1	FePeak.c/s=6	XEN=502119		
UVSP	22:02			Peak3..c/s=54	FePeak=21:57	#Peaks=1 dt= 3.8s			
Radio	Frequency (MHz)/Flux(sfu):			Wavelength=1549A	Exp #=25750	Rast=60"x60"	XEN=502119		
				2695/12 4995/32 8800/74 15400/42		Step=1"	Pitch=+80", Yaw=-585"		
Event # = 7553									
85/01/21, 22:22	DOY=21	Peak	End times	SMM Pointing:	S09W36	Pitch=+82", Yaw=-565", Roll=0deg	H. Ang=36deg		
Optical									
GOES	22:09	22:22	22:37	Importance=C3	Qual=02	Flags=DG			
HXRBS	22:08:28	22:09:22	22:23:25	Peak...c/s=127	Qual=11	MaxkeV=49			
BCS	22:09	22:22	22:38	CaPeak.c/s=133	Qual=3	FePeak.c/s=19	XEN=502121		
FCS	22:23			Peak3..c/s=118	FePeak=22:21	#Peaks=2 dt= 7.7s			
UVSP	22:07			Wavelength=1549A	Code=00	Rast=3"x3"	XEN=502121		
Radio	Frequency (MHz)/Flux(sfu):			245/43 410/21 606/18 2695/16 4995/56	Exp #=25751	Step=1"	Pitch=+109", Yaw=-612"		
Event # = 7554									
85/01/22, 00:04	DOY=22	Peak	End times	SMM Pointing:	S09W37	Pitch=+82", Yaw=-577", Roll=0deg	H. Ang=37deg		
Optical									
GOES	23:50	00:04	01:11	Ha...Class=2B	S08W38	Mac.=EKO	H. Ang=38deg		
HXRBS	23:52:28	00:01:32	01:36:10	Importance=X5	Qual=03	Carr. Lon.=72deg			
BCS	23:30	00:10	00:18	Peak...c/s=133000	Qual=11	Flags=M, IN, IS, DG			
FCS	00:18	00:18		CaPeak.c/s=8246	Qual=3	MaxkeV=414	XEN=502122		
UVSP	23:42			Peak3..c/s=591	FePeak=00:06	FePeak.c/s=7523	768.0s/pixel		
Radio	Frequency (MHz)/Flux(sfu):			Wavelength=1549A	Code=00	Rast=0"x0"	XEN=502122		
				245/2.5E5 410/99000 606/1.3E5 1415/720 2695/1100 4995/1200 8800/2500 15400/4000	Exp #=25753	Step=0"	dt= 7.7s		
						Rast=255"x255"	Cad= 768s		
						Step=3"	Pitch=+74", Yaw=-540"		
Event # = 7555									
85/01/22, 01:53	DOY=22	Peak	End times	SMM Pointing:	S09W38	Pitch=+84", Yaw=-593", Roll=0deg	H. Ang=38deg		
Optical									
GOES	01:46:17	01:47:36	01:53:31	Peak...c/s=134	Qual=00	MaxkeV=70			
HXRBS	01:04	01:53	02:02	CaPeak.c/s=307	Qual=11	FePeak.c/s=37	dt= 7.7s		
BCS	01:09	01:09		Peak3..c/s=654	Qual=3	Rast=180"x180"	XEN=502200		
FCS	01:16			Wavelength=1549A	FePeak=01:53	Step=10"	Cad= 332s		
UVSP	Frequency (MHz)/Flux(sfu):			1415/185 2695/165 4995/146	Exp #=25755	Step=1"	Pitch=+75", Yaw=-551"		
Radio									

Event # = 21066									
85/01/22,02:41	DOY=22	Start	End times	SMM Pointing:	S09W38	Pitch=+84", Yaw=-593", Roll=0deg	H. Ang=38deg		
GOES 02:39	02:41	Peak	03:28	CaPeak.c/s=51	Qual=00				
BCS 02:43	02:43	Peak		Peak3..c/s=498	Qual=5	FePeak=03:14	dt= 3.8s	XEN=502203	
UVSP 02:48				Wavelength=1544A		Rast=1"x1"	Step=0"	Pitch=+76", Yaw=-563"	
Event # = 21067									
85/01/22,11:06	DOY=22	Start	End times	SMM Pointing:	S09W43	Pitch=+89", Yaw=-656", Roll=0deg	H. Ang=43deg		
Optical				Ha...Class=1B	S10W45	Mac.=EKO	Carr. Lon.=73deg	H. Ang=45deg	
GOES 10:58	11:06	Peak	12:00	Importance=C3	Qual=01	FePeak.c/s=18	#Peaks=1	XEN=502201	
BCS 11:07	11:07	Peak	11:18	CaPeak.c/s=99	Qual=5	Rast=255"x249"	Step=3"	Pitch=+80", Yaw=-621"	
FCS 11:15	11:15	Peak		Peak3..c/s=40					
UVSP 11:04				Wavelength=1548A	Code=00	Exp #=25770			
Radio	Frequency(MHz)/Flux(sfu):	2695/4	4995/8	8800/10					
85/01/23 DOY=23									
85/01/23,01:05	DOY=23	Start	End times	SMM Pointing:	S11W54	Pitch=+132", Yaw=-772", Roll=0deg	H. Ang=53deg		
GOES 01:03	01:05	Peak	01:22	Importance=B4	Qual=01	MaxkeV=49	Flags=1		
HXRBS 01:03:36	01:03:47	Peak	01:04:03	Peak...c/s=94	Qual=01	Rast=110"x110"	Step=10"	Pitch=+136", Yaw=-776"	
UVSP 01:05				Wavelength=1373A	Code=02	Exp #=25802			
Event # = 21068									
85/01/23,04:14	DOY=23	Start	End times	SMM Pointing:	S11W56	Pitch=+136", Yaw=-794", Roll=0deg	H. Ang=56deg		
Optical				Ha...Class=SN	S13W56	Mac.=EKO	Carr. Lon.=75deg	H. Ang=56deg	
GOES 04:04	04:14	Peak	04:53	Importance=C1	Qual=01	FePeak.c/s=18	#Peaks=1	dt= 7.7s	XEN=502300
BCS 04:11	04:13	Peak	04:18	CaPeak.c/s=55	Qual=1	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
FCS 04:14	04:14	Peak		Peak3..c/s=72		Rast=10"x10"	Step=0"	Pitch=+138", Yaw=-793"	
UVSP 04:13				Wavelength=1351A	Code=00	Exp #=25859			
Event # = 8220									
85/01/23,07:34	DOY=23	Start	End times	SMM Pointing:	S11W57	Pitch=+137", Yaw=-804", Roll=0deg	H. Ang=57deg		
Optical				Ha...Class=1B	S12W59	Mac.=EKO	Carr. Lon.=76deg	H. Ang=59deg	
GOES 07:21	07:34	Peak	08:46	Importance=M1	Qual=03	MaxkeV=90	#Peaks=2	dt= 3.8s	XEN=502303
HXRBS 07:23:52	07:27:12	Peak	07:53:09	Peak...c/s=1004	Qual=01	FePeak.c/s=352	Step=0"	Cad=8.45s	8.448s/pixel
BCS 07:25	07:29	Peak	07:55	CaPeak.c/s=1315	Qual=1	Rast=0"x0"	Step=0"	Pitch=+90", Yaw=-789"	
FCS 07:44	07:44	Peak		Peak3..c/s=1107		Rast=30"x30"	Step=0"		
UVSP 07:21				Wavelength=1373A	Code=00	Exp #=25897			
Radio	Frequency(MHz)/Flux(sfu):	245/39	2695/23	4995/96	8800/83	15400/24			
Event # = 21069									
85/01/23,21:16	DOY=23	Start	End times	SMM Pointing:	S11W66	Pitch=+149", Yaw=-873", Roll=0deg	H. Ang=65deg		
GOES 21:10	21:16	Peak	21:29	Importance=C1	Qual=01	FePeak.c/s=12	#Peaks=1	dt= 7.7s	XEN=502304
BCS 21:14	21:16	Peak	21:20	CaPeak.c/s=43	Qual=1	Rast=265"x265"	Step=5"	Pitch=+139", Yaw=-832"	
FCS 21:15	21:15	Peak		Peak3..c/s=250					
UVSP 21:16				Wavelength=1373A	Code=02	Exp #=25928			
Radio	Frequency(MHz)/Flux(sfu):	245/110	410/240						

Event # = 21070		85/01/24		DOY=24	
85/01/24, 05:54	DOY=24	S11W70		Pitch=+155", Yaw=-899", Roll=0deg	
Optical	End times	SMM Pointing:		Mac.=EAO Carr. Lon.=75deg	
GOES 05:44	05:54	Ha...Class=SF		FePeak.c/s=13 dt= 3.8s	
BCS 05:48	05:54	Importance=C2		Step=0" Cad= 768s	
FCS 05:52	05:52	CaPeak.c/s=86		Step=0" Pitch=+147", Yaw=-893"	
UVSP 05:24		Peak3...c/s=14		Rast=30"x30"	
		Wavelength=1373A		Exp #=25991	
Event # = 21071		85/01/25		DOY=25	
85/01/25, 23:46	DOY=25	S11W70		FePeak.c/s=13 #Peaks=2	
Optical	End times	SMM Pointing:		Rast=30"x30" Step=0"	
GOES 23:42	23:46	Ha...Class=SF		XEN=502500	
BCS 23:45	23:46	Importance=B5		Pitch=+167", Yaw=-959"	
UVSP 23:32		CaPeak.c/s=25			
		Wavelength=1373A		Exp #=26120	
Event # = 7622		85/02/07		DOY=38	
85/02/07, 21:30	DOY=38	S10E88		Pitch=+168", Yaw=+958", Roll=0deg	
Optical	End times	SMM Pointing:		H.Ang=86deg	
GOES 21:29:00	21:30:38	Ha...Class=SF			
HXRBS 21:26	21:32:07	Importance=B5		MaxkeV=112	
UVSP 21:26		CaPeak.c/s=25		Rast=69"x69"	
		Wavelength=1640A		Step=3" Pitch=+189", Yaw=+955"	
Event # = 7623		85/02/07		DOY=38	
85/02/07, 22:08	DOY=38	S10E88		Pitch=+168", Yaw=+958", Roll=0deg	
Optical	End times	SMM Pointing:		H.Ang=86deg	
GOES 22:07:11	22:08:04	Ha...Class=SF			
HXRBS 21:26	22:08:39	Importance=B5		MaxkeV=112	
UVSP 21:26		CaPeak.c/s=25		Rast=69"x69"	
		Wavelength=1640A		Step=3" Pitch=+189", Yaw=+955"	
Event # = 8420		85/02/09		DOY=40	
85/02/09, 16:33	DOY=40	S12E79		Pitch=+182", Yaw=+936", Roll=0deg	
Optical	End times	SMM Pointing:		H.Ang=78deg	
GOES 16:28	16:33	Ha...Class=SF			
HXRBS 16:32:17	16:32:32	Importance=A6		MaxkeV=178	
UVSP 16:33		CaPeak.c/s=83		Rast=10"x10"	
		Wavelength=1349A		Flags=I	
Event # = 7644		85/02/18		DOY=49	
85/02/18, 16:00	DOY=49	S07E01		Pitch=+0", Yaw=+24", Roll=0deg	
Optical	End times	SMM Pointing:		H.Ang=1deg	
GOES 15:49	16:00	Ha...Class=SF			
HXRBS 15:52:30	15:53:18	Importance=C1		MaxkeV=49	
UVSP 15:52:30		CaPeak.c/s=74			
		Wavelength=1548A			
Event # = 7645		85/02/18		DOY=49	
85/02/18, 23:31	DOY=49	S07E87		Pitch=+116", Yaw=+963", Roll=0deg	
Optical	End times	SMM Pointing:		H.Ang=86deg	
GOES 23:15	23:31	Ha...Class=SF			
HXRBS 23:20:50	23:22:39	Importance=C5		MaxkeV=70	
BCS 23:20	23:27	CaPeak.c/s=122		FePeak.c/s=50	
FCS 23:29	23:37	Peak3...c/s=1357		dt= 3.8s	
UVSP 23:29		Wavelength=1548A		Cad= 553s	
				Step=10"	
				Step=3"	
				Pitch=+108", Yaw=+987"	

85/02/19 DOY=50									
Event # = 21074									
85/02/19, 01:10		DOY=50	SMM Pointing:		N12E85	Pitch=-216", Yaw=+946", Roll=0deg		H.Ang=86deg	
Start		Peak	End times						
GOES 01:01		01:10	01:20		Qual=01				
BCS 01:05		01:09	01:14		Qual=1	FePeak=01:09		#Peaks=1 dt= 7.7s XEN=505010	
FCS		01:11				Rast=30"x30"		Step=0" Pitch=-198", Yaw=+933"	
UVSP		00:56			Code=01	Exp #=27708			
					Wavelength=1370A				
Event # = 21073									
85/02/19, 01:22		DOY=50	SMM Pointing:		N12E85	Pitch=-216", Yaw=+946", Roll=0deg		H.Ang=86deg	
Start		Peak	End times						
GOES 01:20		01:22	01:27		Qual=01				
BCS 01:21		01:21	01:27		Qual=1	FePeak=01:21		#Peaks=1 XEN=505012	
FCS		01:22				Rast=30"x30"		Step=0" Pitch=-198", Yaw=+933"	
UVSP		00:56			Code=01	Exp #=27708			
					Wavelength=1370A				
Event # = 21075									
85/02/19, 01:40		DOY=50	SMM Pointing:		N12E85	Pitch=-216", Yaw=+946", Roll=0deg		H.Ang=86deg	
Start		Peak	End times						
GOES 01:27		01:40	02:14		Qual=01				
BCS 01:29		01:39	01:47		Qual=1	FePeak=01:39		#Peaks=1 dt= 3.8s XEN=505013	
FCS		01:38				Rast=30"x30"		Step=0" Pitch=-198", Yaw=+933"	
UVSP		00:56			Code=02	Exp #=27708			
					Wavelength=1370A				
Event # = 21076									
85/02/19, 02:21		DOY=50	SMM Pointing:		N12E85	Pitch=-216", Yaw=+946", Roll=0deg		H.Ang=86deg	
Start		Peak	End times						
GOES 02:18		02:21	03:04		Qual=05				
BCS 02:22		02:24	02:35		Qual=4	FePeak=02:24		#Peaks=1 dt= 3.8s XEN=505000	
FCS		02:31				Rast=280"x280"		Step=10" Pitch=-223", Yaw=+968"	
UVSP		02:24			Code=02	Exp #=27709			
					Wavelength=1370A				
Event # = 21078									
85/02/19, 18:29		DOY=50	SMM Pointing:		S01E90	Pitch=+16", Yaw=+972", Roll=0deg		H.Ang=89deg	
Start		Peak	End times						
GOES 18:08		18:29	19:20		Qual=01				
BCS 18:24		18:29	18:45		Qual=1	FePeak=18:29		#Peaks=1 dt= 7.7s XEN=505005	
FCS		18:29				Rast=0"x0"		Cad=1.02s 1.024s/pixel	
UVSP		18:28			Code=00	Rast=280"x280"		Step=10" Pitch=+5", Yaw=+991"	
					Associated Event # = 21077				
BCS 18:15		18:15	18:20		Qual=1	FePeak=18:20		#Peaks=1 XEN=505002	
FCS		18:15				Rast=180"x180"		Step=10" Cad= 332s 1.024s/pixel	
UVSP		18:09				Rast=30"x30"		Step=0" Pitch=-60", Yaw=+956"	
					Wavelength=1371A				
Event # = 21079									
85/02/19, 20:17		DOY=50	SMM Pointing:		S01E86	Pitch=+970", Yaw=-12", Roll=90deg		H.Ang=86deg	
Start		Peak	End times						
GOES 20:10		20:17	20:43		Qual=01				
BCS 20:15		20:17	20:18		Qual=1	FePeak=20:17		#Peaks=1 dt= 7.7s XEN=505008	
FCS		20:18				Rast=30"x30"		Step=0" Pitch=+957", Yaw=+66"	
UVSP		20:05			Code=00	Exp #=27797			
					Wavelength=1371A				

Event # = 21080									
85/02/19,23:19	DOY=50								
GOES 23:13	Peak	23:19							
BCS 23:17		23:19							
FCS 23:21		23:21							
UVSP 23:13									
SMM Pointing: N03E81									
Importance=89 Qual=01									
CaPeak.c/s=43 Qual=1									
Peak3..c/s=201									
Wavelength=1371A Code=00									
Exp #=27809									
Pitch=-67",Yaw=+960",Roll=0deg									
H.Ang=82deg									
FePeak.c/s=14 #Peaks=1 dt= 7.7s XEN=505009									
Rast=30"x30" Step=0" Pitch=61",Yaw=+954"									
85/02/20 DOY=51									
85/02/20,02:52	DOY=51								
Optical 02:35	Peak	02:52							
GOES 02:43		02:52							
BCS 02:43		02:52							
FCS 02:45		02:52							
UVSP 02:49									
SMM Pointing: N03E81									
Ha...Class=SF									
Importance=88 Qual=03									
CaPeak.c/s=30 Qual=1									
Peak3..c/s=12									
Wavelength=1371A Code=00									
Exp #=27826									
Pitch=-67",Yaw=+960",Roll=0deg									
H.Ang=82deg									
Mac.=DH0									
Carr. Lon.=297deg									
H.Ang=75deg									
FePeak.c/s=10 #Peaks=1									
XEN=505100									
Rast=30"x30" Step=0" Pitch=75",Yaw=+938"									
85/02/20,15:00									
85/02/20,15:00	DOY=51								
Optical 14:51	Peak	15:00							
GOES 14:51		15:00							
BCS 14:56		14:56							
FCS 14:57		14:57							
UVSP 14:57									
SMM Pointing: N03E73									
Ha...Class=SN									
Importance=B4									
CaPeak.c/s=21 Qual=1									
Peak3..c/s=26									
Wavelength=1371A Code=00									
Exp #=27882									
Pitch=-85",Yaw=+928",Roll=0deg									
H.Ang=73deg									
Mac.=DH0									
Carr. Lon.=294deg									
H.Ang=70deg									
FePeak.c/s=18 #Peaks=1									
XEN=505101									
Rast=30"x30" Step=0" Pitch=-59",Yaw=+909"									
85/02/20,21:32									
85/02/20,21:32	DOY=51								
GOES 21:27	Peak	21:32							
GOES 21:30:31		21:31:13							
BCS 21:31		21:31							
FCS 21:34		21:34							
UVSP 21:16									
SMM Pointing: N03E69									
Importance=C1									
Peak...c/s=486									
CaPeak.c/s=50 Qual=1									
Peak3..c/s=21									
Wavelength=1371A Code=00									
Exp #=27906									
Pitch=-92",Yaw=+908",Roll=0deg									
H.Ang=70deg									
MaxkeV=112									
FePeak.c/s=16 #Peaks=1									
XEN=505104									
Rast=30"x30" Step=0" Pitch=-66",Yaw=+879"									
85/02/22 DOY=53									
85/02/22,12:55	DOY=53								
GOES 12:40	Peak	12:55							
BCS 12:51		12:54							
FCS 12:54		12:54							
UVSP 12:54									
Radio Sweeps									
SMM Pointing: N01E44									
Importance=B8									
CaPeak.c/s=23 Qual=1									
Peak3..c/s=12									
Wavelength=1371A Code=00									
Exp #=28041									
Pitch=-103",Yaw=+669",Roll=0deg									
H.Ang=44deg									
FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=505300									
Rast=0"x0" Step=0" Cad=16.4s 16.38s/pixel									
Rast=280"x280" Step=10" Pitch=-111",Yaw=+686"									
85/02/27 DOY=58									
85/02/27,01:03	DOY=58								
GOES 01:03:50	Peak	01:04:10							
BCS 01:03:50		01:03:50							
FCS 00:48									
UVSP 00:48									
SMM Pointing: S02W73									
Peak...c/s=46									
Wavelength=1296A									
Exp #=28229									
Pitch=+0",Yaw=-925",Roll=0deg									
H.Ang=72deg									
Flags=NS,GB									
Step=0" Pitch=+2",Yaw=-925"									
Rast=180"x1" Step=0" Pitch=+2",Yaw=-925"									

Event # = 12736		85/03/06	DOY=65		
85/03/06, 12:07	DOY=65				
Start	Peak				
HXRBS 12:07:24	12:07:33	Qual=01	Tot Cts=315	MaxkeV=306	Flags=NS,GB
UVSP 12:08		Wavelength=1398A	Exp #=28490	Rast=286"x243"	Step=12" Pitch=-10", Yaw=+942"
Event # = 12737		85/03/15	DOY=74		
85/03/15, 21:06	DOY=74				
Start	Peak				
HXRBS 21:06:44	21:06:47	SMM Pointing: N44W40		Pitch=-732", Yaw=-445", Roll=0deg	H.Ang=62deg
UVSP 21:04		Peak...c/s=83	Tot Cts=209	MaxkeV=306	Flags=NS,GB
		Wavelength=1548A	Exp #=28769	Rast=240"x120"	Step=3" Pitch=-731", Yaw=-436"
Event # = 12738		85/03/18	DOY=77		
85/03/18, 09:56	DOY=77				
Start	Peak				
HXRBS 09:56:18	09:56:20	SMM Pointing: S12W54		Pitch=+130", Yaw=-762", Roll=0deg	H.Ang=53deg
UVSP 09:24		Peak...c/s=82	Tot Cts=216	MaxkeV=417	Flags=NS,GB
		Wavelength=1548A	Exp #=28851	Rast=187"x67"	Step=3" Pitch=+131", Yaw=-756"
Event # = 7677		85/03/21	DOY=80		
85/03/21, 01:26	DOY=80				
Start	Peak				
G0ES		SMM Pointing: S11E13		Pitch=+70", Yaw=+216", Roll=0deg	H.Ang=14deg
HXRBS 01:26:29	01:26:59	Qual=00	Tot Cts=1549	MaxkeV=49	
UVSP 01:22		Peak...c/s=117	Exp #=28951	Rast=30"x30"	Step=0" Pitch=+67", Yaw=+248"
		Wavelength=1371A			
Event # = 7682		85/03/21	DOY=80		
85/03/21, 21:55	DOY=80				
Start	Peak				
G0ES		SMM Pointing: N01E86		Pitch=-33", Yaw=+962", Roll=0deg	H.Ang=86deg
HXRBS 21:53:08	21:55:54	Qual=00		MaxkeV=91	
UVSP 21:49		Peak...c/s=71	Exp #=29006	Rast=30"x30"	Step=0" Pitch=-96", Yaw=+954"
		Wavelength=1371A			
Event # = 7683		85/03/21	DOY=80		
85/03/21, 22:31	DOY=80				
Start	Peak				
Optical		SMM Pointing: N01E86		Pitch=-33", Yaw=+962", Roll=0deg	H.Ang=86deg
G0ES 22:21	22:31	Ha...Class=SF	AR4637	Mac.=DK0	Carr.Lon.=250deg
HXRBS 22:24:27	22:25:07	Importance=C2		MaxkeV=112	
BCS 22:25	22:29	Peak...c/s=523		FePeak.c/s=17	#Peaks=1 dt= 7.7s XEN=508000
FCS 22:35		CaPeak.c/s=91		Rast=0"x0"	Step=0" Cad=16.4s 16.38s/pixel
UVSP 22:30		Peak3...c/s=439		Rast=30"x30"	Step=0" Pitch=-86", Yaw=+954"
Radio Sweeps	Type/Intensity:	Wavelength=1371A	Exp #=29010		
Radio Frequency (MHz)/Flux(sfu):	11/2 111/3 V/3	245/130 1415/122	2695/16		

Event # = 7689		85/03/23		DOY=82	
85/03/23,01:23		DOY=82		SMM Pointing:	
Start		Peak		AR4637	
Optical					
GOES	01:15	01:23	Ha...Class=SF	N01E72	Mac.=DK0
HXRBS	01:17:24	01:19:11	Importance=B2	Qual=03	Carr.Lon.=251deg
UVSP	01:13	01:22:23	Peak...c/s=73	Qual=01	H.Ang=72deg
Radio Sweeps	Type/Intensity:		WaveLength=1371A	Code=00	MaxkeV=49
Radio Frequency(MHz)/Flux(sfu):	245/280	410/50	606/39	1415/27	Rast=30"x30"
					Step=0" Pitch=-126",Yaw=+934"
Event # = 21084		85/03/23,16:15		DOY=82	
85/03/23,16:15		DOY=82		SMM Pointing:	
Start		Peak		AR4637	
Optical					
GOES	16:09	16:15	Ha...Class=SN	N05E70	Mac.=DK0
BCS	16:13	16:15	Importance=B7	Qual=05	Carr.Lon.=245deg
FCS	16:14	16:17	CaPeak.c/s=37	Qual=5	H.Ang=71deg
UVSP	16:15		Peak3...c/s=28	FePeak=16:14	#Peaks=1
			WaveLength=1371A	Code=02	XEN=508200
				Exp #=29150	Rast=280"x280"
					Step=10" Pitch=-126",Yaw=+892"
Event # = 7690		85/03/25		DOY=84	
85/03/25,23:36		DOY=84		SMM Pointing:	
Start		Peak		AR4637	
Optical					
GOES	23:23	23:36	Ha...Class=SN	N07E35	Mac.=DK0
HXRBS	23:24:19	23:24:44	Importance=B4	Qual=01	Carr.Lon.=250deg
BCS	23:35	23:35	Peak...c/s=63	Qual=01	H.Ang=38deg
UVSP	23:20	23:35	CaPeak.c/s=18	Qual=1	MaxkeV=50
			WaveLength=1371A	Code=00	FePeak=23:35
				Exp #=29382	XEN=508400
					Rast=30"x30"
					Step=0" Pitch=-233",Yaw=+598"
Event # = 7697		85/04/03		DOY=93	
85/04/03,20:20		DOY=93		SMM Pointing:	
Start		Peak		S22E30	
GOES	20:15	20:20	Importance=B4	Qual=05	Pitch=-271",Yaw=+449",Roll=0deg
HXRBS	20:32:08	20:32:37	Peak...c/s=65	Qual=01	H.Ang=33deg
UVSP	19:39	20:32:58	WaveLength=1548A	Code=00	MaxkeV=50
Radio Frequency(MHz)/Flux(sfu):	245/63	410/14	606/16	Exp #=29780	Rast=240"x240"
					Step=10" Pitch=+271",Yaw=+458"
Event # = 7704		85/04/21		DOY=111	
85/04/21,14:06		DOY=111		SMM Pointing:	
Start		Peak		Qual=01	
GOES	14:01	14:06	Importance=B3	Qual=01	Pitch=+4",Yaw=+9"
HXRBS	14:05:57	14:06:03	Peak...c/s=113	Qual=01	MaxkeV=50
UVSP		14:06:10		Tot Cts=216	
Event # = 21085		85/04/22		DOY=112	
85/04/22,03:53		DOY=112		SMM Pointing:	
Start		Peak		AR4647	
Optical					
GOES	03:48	03:53	Ha...Class=SN	N05E55	Pitch=-131",Yaw=+780",Roll=0deg
BCS	04:01	04:01	Importance=C2	Qual=05	H.Ang=56deg
UVSP	04:06	04:02	CaPeak.c/s=21	Qual=5	Mac.=DK1
			WaveLength=1545A	FePeak=04:01	Carr.Lon.=232deg
				Exp #=30363	H.Ang=54deg
					XEN=511200
					Rast=3"x3"
					Step=0" Pitch=-127",Yaw=+783"



Event # = 21086	DOY=112	SMM Pointing:	N05E54	Pitch=-132", Yaw=+769", Roll=0deg	H.Ang=55deg
85/04/22, 05:47	Peak	End times			
Start	05:47	Importance=C1	Qual=01		
GOES 05:39	05:47	CaPeak.c/s=41	Qual=1	FePeak=05:47	XEN=511201
BGS 05:44	05:47	Peak3..c/s=79			
FCS 05:48		Wavelength=1548A	Code=00	Rast=240"x240" Step=3"	Pitch=-128", Yaw=+775"
UVSP 05:43				Exp #=30366	
Event # = 21087	DOY=112	SMM Pointing:	N05E53	Pitch=-133", Yaw=+758", Roll=0deg	H.Ang=54deg
85/04/22, 07:20	Peak	End times			
Start	07:16	Importance=B6	Qual=01		
GOES 07:16	07:20	CaPeak.c/s=23	Qual=1	FePeak=07:19	XEN=511202
BGS 07:19	07:19	Peak3..c/s=28		Rast=240"x240" Step=10"	Cad= 590s 1.024s/pixel
FCS 07:19		Wavelength=1548A	Code=00	Rast=240"x240" Step=3"	Pitch=-129", Yaw=+766"
UVSP 07:16				Exp #=30368	
Event # = 21088	DOY=112	SMM Pointing:	N05E52	Pitch=-134", Yaw=+748", Roll=0deg	H.Ang=53deg
85/04/22, 09:05	Peak	End times			
Start	09:00	Ha...Class=SN	N06E56	Mac.=DKI	H.Ang=57deg
Optical 09:00	09:05	Importance=C2	Qual=01		
GOES 09:03	09:05	CaPeak.c/s=72	Qual=1	FePeak=09:04	XEN=511205
BGS 09:05	09:05	Peak3..c/s=334		Rast=0"x0" Step=0"	Cad= 768s 768.0s/pixel
FCS 09:06		Wavelength=1548A	Code=00	Rast=240"x240" Step=3"	Pitch=-130", Yaw=+757"
UVSP 08:50				Exp #=30370	
Event # = 7705	DOY=112	SMM Pointing:	N05E49	Pitch=-137", Yaw=+717", Roll=0deg	H.Ang=50deg
85/04/22, 14:26	Peak	End times			
Start	14:20	Importance=B4	Qual=03		
GOES 14:20	14:26	Peak...c/s=221	Qual=02	Flags=SA	
HXRBS 14:20:37	14:22:05	Wavelength=1216A	Code=00	MaxkeV=418	Pitch=-134", Yaw=+674"
UVSP 14:20				Rast=286"x15" Step=0"	
Event # = 7706	DOY=112	SMM Pointing:	N05E48	Pitch=-138", Yaw=+707", Roll=0deg	H.Ang=49deg
85/04/22, 16:40	Peak	End times			
Start	16:37	Ha...Class=SB	N05E49	Mac.=DKI	H.Ang=50deg
Optical 16:37	16:40	Importance=M1	Qual=01		
GOES 16:39:18	16:39:46	Peak...c/s=1666	Qual=01	MaxkeV=204	XEN=511209
HXRBS 16:39	16:40	CaPeak.c/s=862	Qual=1	FePeak=16:40	Cad= 590s 1.024s/pixel
BGS 16:39	16:40	Peak3..c/s=248		Rast=240"x240" Step=10"	Pitch=-158", Yaw=+733"
FCS 16:44		Wavelength=1371A	Code=00	Rast=30"x30" Step=0"	
UVSP 16:39		Frequency(MHz)/Flux(sfu):	Exp #=30385		
Radio 16:39		1415/16 2695/23 4995/36 8800/51 15400/110	8800/51 15400/110		
Event # = 7707	DOY=112	SMM Pointing:	N05E48	Pitch=-138", Yaw=+707", Roll=0deg	H.Ang=49deg
85/04/22, 17:03	Peak	End times			
Start	17:03	Importance=C2	Qual=03		
GOES 16:59	17:03	Peak...c/s=68	Qual=01	MaxkeV=50	Pitch=-148", Yaw=+721"
HXRBS 17:01:13	17:02:01	Wavelength=1371A	Code=00	Rast=30"x30" Step=0"	
UVSP 16:58				Exp #=30387	

Event # = 7708									
85/04/22, 19:50	DOY=112	Peak	SMM Pointing:		N05E46	Pitch=-140", Yaw=+687", Roll=0deg		H. Ang=47deg	
GOES 19:47	19:50	20:08	Importance=C9		Qual=01				
HXRBS 19:51:44	19:52:01	19:52:34	Peak...c/s=331		Qual=01				
BCS 19:51	19:53	19:57	CaPeak.c/s=150		Qual=1				
FCS 19:53	19:53		Peak3...c/s=947						
UVSP 19:48			Wavelength=1371A		Code=00				
Radio	Frequency(MHz)/Flux(sfu):		245/35	410/670	606/24	1415/11	2695/10	4995/15	8800/35 15400/19
MaxkeV=70									
FePeak.c/s=31 #Peaks=1									
Rast=240"x240" Step=10" Cad= 590s XEN=511206									
Rast=30"x30" Step=0" Pitch=-150", Yaw=+693"									
Event # = 7709									
85/04/22, 21:33	DOY=112	Peak	SMM Pointing:		N05E45	Pitch=-142", Yaw=+677", Roll=0deg		H. Ang=46deg	
Optical									
GOES 21:29	21:33	21:40	Ha...Class=SN		N04E44				
HXRBS 21:31:53	21:32:15	21:32:34	Importance=C1		Qual=01				
BCS 21:32	21:32	21:35	Peak...c/s=74		Qual=01				
FCS 21:33	21:33		CaPeak.c/s=37		Qual=1				
UVSP 21:22			Peak3...c/s=249						
			Wave length=1371A		Code=00				
Exp #=30399									
Rast=30"x30" Step=0" Cad= 768s XEN=511207									
Rast=0"x0" Step=0" Pitch=-151", Yaw=+702"									
Event # = 7710									
85/04/22, 21:43	DOY=112	Peak	SMM Pointing:		N05E45	Pitch=-142", Yaw=+677", Roll=0deg		H. Ang=46deg	
GOES 21:40	21:43	22:00	Importance=B7		Qual=01				
HXRBS 21:41:26	21:41:48	21:42:19	Peak...c/s=104		Qual=01				
BCS 21:42	21:43	21:44	CaPeak.c/s=22		Qual=1				
FCS 21:43	21:43		Peak3...c/s=185						
UVSP 21:41			Wave length=1371A		Code=00				
Exp #=30401									
Rast=30"x30" Step=0" Pitch=-141", Yaw=+670"									
Event # = 7711									
85/04/23, 02:52	DOY=113	Peak	SMM Pointing:		N05E42	Pitch=-142", Yaw=+632", Roll=0deg		H. Ang=43deg	
Optical									
GOES 02:51	02:52	03:09	Ha...Class=SF		N06E41				
HXRBS 02:50:55	02:51:16	02:52:18	Importance=C1		Qual=03				
BCS 02:51	02:52	02:54	Peak...c/s=117		Qual=01				
FCS 02:51	02:52		CaPeak.c/s=46		Qual=1				
UVSP 02:32			Peak3...c/s=95						
			Wavelength=1548A		Code=00				
Exp #=30422									
Rast=240"x240" Step=3" Cad=3840s XEN=511300									
Rast=0"x0" Step=0" Pitch=-140", Yaw=+9"									
Event # = 7712									
85/04/23, 08:52	DOY=113	Peak	SMM Pointing:		N05E39	Pitch=-148", Yaw=+596", Roll=0deg		H. Ang=40deg	
GOES 08:46	08:52	08:56	Importance=B7		Qual=01				
HXRBS 08:50:42	08:50:50	08:50:58	Peak...c/s=71		Qual=01				
BCS 08:51	08:52	08:54	CaPeak.c/s=25		Qual=1				
FCS 08:52	08:52		Peak3...c/s=16						
UVSP 08:42			Wavelength=1371A		Code=00				
Exp #=30452									
Rast=240"x240" Step=0" Cad= 590s XEN=511301									
Rast=30"x30" Step=0" Pitch=-137", Yaw=+585"									
Event # = 21089									
85/04/23, 09:25	DOY=113	Peak	SMM Pointing:		N05E39	Pitch=-148", Yaw=+596", Roll=0deg		H. Ang=40deg	
GOES 08:56	09:25	10:06	Importance=C1		Qual=01				
BCS 08:58	09:04	09:20	CaPeak.c/s=33		Qual=1				
UVSP 09:18			Wavelength=1371A		Code=01				
Exp #=30456									
Rast=30"x30" Step=0" Pitch=-37", Yaw=+470"									

Event # = 7715	DOY=113	SMM Pointing:	N05E38	Pitch=-150", Yaw=+584", Roll=0deg	H.Ang=39deg
85/04/23 10:33	Peak	End times			
Optical				Mac.=EKI Carr.Lon.=229deg	H.Ang=41deg
GOES 10:17	10:33	11:14	AR4647		
HXRBS 10:40:13	10:40:40	10:41:01	Tot Cts=279	MaxkeV=50	dt= 3.8s
BGS 10:16	10:27	10:49	FePeak=10:27	Rast=240"x240"	XEN=511314
FCS 10:30	10:30		Peak3..c/s=124	Step=10"	Cad= 590s
UVSP 10:15			Wavelength=1371A	Step=0"	Pitch=-117", Yaw=+573"
Event # = 7716	DOY=113	SMM Pointing:	N05E36	Pitch=-150", Yaw=+561", Roll=0deg	H.Ang=37deg
85/04/23 13:13	Peak	End times			
GOES 13:12	13:13	13:17	Qual=01	MaxkeV=50	
HXRBS 13:11:57	13:12:19	13:12:48	Qual=01	Tot Cts=438	
Event # = 7717	DOY=113	SMM Pointing:	N05E33	Pitch=-150", Yaw=+525", Roll=0deg	H.Ang=35deg
85/04/23 18:18	Peak	End times			
GOES 18:16	18:18	18:29	Qual=02	MaxkeV=70	
HXRBS 18:17:28	18:17:44	18:18:13	Qual=01	FePeak.c/s=8	XEN=511304
BGS 18:17	18:18	18:18	Qual= 2	Rast=240"x240"	Pitch=-146", Yaw=+533"
UVSP 17:50			Wavelength=1548A	Step=3"	
Event # = 7718	DOY=113	SMM Pointing:	N05E32	Pitch=-153", Yaw=+504", Roll=0deg	H.Ang=33deg
85/04/23 21:11	Peak	End times			
Optical				Mac.=EKI Carr.Lon.=233deg	H.Ang=31deg
GOES 18:15	21:11	21:21	Qual=01		
HXRBS 21:04:23	21:09:28	21:11:45	Qual=01	MaxkeV=70	dt= 7.7s
BGS 20:54	21:11	21:39	Qual= 1	FePeak.c/s=66	XEN=511313
FCS 21:08			Peak3..c/s=302	Rast=30"x30"	Step=0"
UVSP 20:57			Wavelength=1371A	Step=0"	Pitch=-170", Yaw=+482"
Radio Sweeps	Type/Intensity:				
Radio Frequency (MHz)/Flux(sfu):	8800/52 15400/52				
BCS 19:19	19:24	19:59	Associated	FePeak.c/s=13	dt= 3.8s
FCS 19:32			Qual= 4	Rast=280"x280"	Pitch=-145", Yaw=+519"
UVSP 19:24			Exp # = 30480	FePeak.c/s=9	dt= 7.7s
BCS 22:28	22:32	23:19	Associated	Rast=280"x280"	Step=10"
FCS 22:43			Qual= 4	FePeak.c/s=171	Pitch=-146", Yaw=+495"
UVSP 22:31			Wavelength=1371A	Step=10"	
Event # = 8474	DOY=114	SMM Pointing:	N05E30	Pitch=-153", Yaw=+473", Roll=0deg	H.Ang=31deg
85/04/24 00:51	Peak	End times			
GOES 00:46	00:51	01:17	Qual=01	MaxkeV=91	Flags=1
HXRBS 00:49:16	00:49:28	00:50:25	Qual=01	FePeak.c/s=9	XEN=511400
BGS 00:49	00:50	00:52	Qual= 1	Rast=30"x30"	Pitch=-172", Yaw=+442"
UVSP 00:45			Wavelength=1371A	Step=0"	
Radio Sweeps	Type/Intensity:				
Radio Frequency (MHz)/Flux(sfu):	111/3 V/2				
	245/740 4995/74				

Event # = 7720									
85/04/24, 01:53	DOY=114	Peak	End times	SMM Pointing:	N05E29		Pitch=-154", Yaw=+463", Roll=0deg	H. Ang=31deg	
Optical				Ha...Class=1N					
GOES 01:45	01:53	02:06		Importance=C9	Qual=01				
HXRBS 01:47:54	01:48:21	02:01:43		Peak...c/s=2734	Qual=01				
BCS 01:48	01:52	02:21		CaPeak.c/s=768	Qual=1				
FCS 01:51				Peak3...c/s=541					
UVSP 01:40				Wavelength=1371A	Code=00				
Radio Frequency(MHz)/Flux(sfu):	4995/78	8800/290	15400/250						
Associated Event # = 7719									
HXRBS 01:46:25	01:46:47	01:47:06		Peak...c/s=80	Qual=01				
MaxkeV=50									
-----									
Event # = 7721									
85/04/24, 04:02	DOY=114	Peak	End times	SMM Pointing:	N05E28		Pitch=-154", Yaw=+450", Roll=0deg	H. Ang=30deg	
Optical				Ha...Class=SF					
GOES 03:40	04:02	04:33		Importance=C2	Qual=03				
HXRBS 03:40:38	03:41:04	03:41:42		Peak...c/s=62	Qual=01				
BCS 03:41	03:51	04:10		CaPeak.c/s=107	Qual=3				
FCS 03:51				Peak3...c/s=239					
UVSP 03:53				Wavelength=1371A	Code=00				
Radio Frequency(MHz)/Flux(sfu):	245/210	2695/11	4995/23	8800/25					
Exp # = 30518									
Step=0" Pitch=-123", Yaw=+416"									
-----									
Event # = 7722									
85/04/24, 05:03	DOY=114	Peak	End times	SMM Pointing:	N05E27		Pitch=-155", Yaw=+437", Roll=0deg	H. Ang=29deg	
Optical				Ha...Class=SN					
GOES 04:45	05:03	05:35		Importance=C7	Qual=01				
HXRBS 04:48:00	04:51:24	05:08:00		Peak...c/s=194	Qual=01				
BCS 04:46	05:00	05:45		CaPeak.c/s=433	Qual=1				
FCS 05:04				Peak3...c/s=578					
UVSP 04:50				Wavelength=1371A	Code=00				
Exp # = 30522									
Step=0" Pitch=-194", Yaw=+428"									
-----									
Event # = 7723									
85/04/24, 08:39	DOY=114	Peak	End times	SMM Pointing:	N05E26		Pitch=-156", Yaw=+411", Roll=0deg	H. Ang=27deg	
Optical				Importance=B2	Qual=01				
GOES 08:36	08:39	08:42		Peak...c/s=247	Qual=01				
HXRBS 08:39:37	08:39:49	08:39:54		Wavelength=1371A	Code=00				
UVSP 08:36									
Exp # = 30542									
Step=0" Pitch=-175", Yaw=+367"									
-----									
Event # = 7725									
85/04/24, 09:35	DOY=114	Peak	End times	SMM Pointing:	N05E25		Pitch=-156", Yaw=+398", Roll=0deg	H. Ang=27deg	
Optical				Ha...Class=3B					
GOES 08:45	09:35	15:30		Importance=X2	Qual=03				
HXRBS 09:26:39	09:29:35	10:28:55		Peak...c/s=18610	Qual=04				
BCS 09:29	09:41	10:28		CaPeak.c/s=13695	Qual=4				
FCS 09:37				Peak3...c/s=7373					
UVSP 09:33				Wavelength=1371A	Code=00				
Radio Sweeps				IV/1					
Radio Frequency(MHz)/Flux(sfu):	245/340	410/1300	606/3100	1415/7200	2695/4700	4995/10000	8800/13999	15400/13000	
Associated Event # = 21092									
BCS 11:03	11:04	12:02		CaPeak.c/s=657	Qual=5				
FCS 11:17				Peak3...c/s=1974					
UVSP 11:06				Wavelength=1545A					
Exp # = 30554									
Step=0" Pitch=-446", Yaw=+48"									
-----									
XEN=511410									
Cad= 768s 768.0s/pixel									
Step=0" Pitch=-145", Yaw=+359"									
-----									
XEN=511404									
Cad=26.9s 26.88s/pixel									
Step=0" Pitch=-132", Yaw=+444"									
-----									

BCS	12:38	12:39	13:37	CaPeak.c/s=67	Associated	Event # = 21093	FePeak=12:39	dt= 3.8s	XEN=511411
FCS		12:46		Peak3...c/s=349	Qual= 5	FePeak=12:39	Rast=0"x0"	Cad= 768s	768.0s/pixel
UVSP	12:41			Wavelength=1371A		Exp # = 30559	Step=0"	Pitch=-153"	Yaw=+380"
BCS	14:12	14:12	14:33	CaPeak.c/s=25	Associated	Event # = 21094	FePeak=14:12	dt= 3.8s	XEN=511414
FCS		14:26		Peak3...c/s=119	Qual= 5	FePeak=14:12	Rast=240"x240"	Cad= 590s	1.024s/pixel
UVSP	14:15			Wavelength=1371A		Exp # = 30566	Step=10"	Pitch=-152"	Yaw=+365"
Event # = 7726									
85/04/24, 17:02	DOY=114	Peak	End times	SMM Pointing:	N05E21		Pitch=-158", Yaw=+345", Roll=0deg	H. Ang=23deg	
GOES	16:42	17:02	17:25	Importance=C5	Qual=05		MaxkeV=70	Flags=SA	
HXRBS	16:45:22	16:45:55	16:46:51	Peak...c/s=112	Qual=02	Tot Cts=1630	FePeak.c/s=27	#Peaks=3	XEN=511413
BCS	16:00	16:45	16:46	CaPeak.c/s=98	Qual= 6	FePeak=16:45	Rast=0"x0"	Cad= 768s	768.0s/pixel
FCS		16:09		Peak3...c/s=102		Exp # = 30576	Step=10"	Pitch=-153"	Yaw=+338"
UVSP	17:23			Wavelength=1371A		Exp # = 30576	Rast=280"x280"		
Radio	Frequency(MHz)/Flux(sfu):	245/52	1415/40	2695/85	4995/14	8800/19	15400/42		
Event # = 21095									
85/04/24, 17:21	DOY=114	Peak	End times	SMM Pointing:	N05E20		Pitch=-159", Yaw=+331", Roll=0deg	H. Ang=23deg	
GOES	17:21	17:21	17:52	CaPeak.c/s=100	Qual=00	FePeak=17:21	dt= 3.8s	XEN=511412	
BCS		17:28		Peak3...c/s=439	Qual= 6	Exp # = 30576	Rast=0"x0"	Cad=1.02s	1.024s/pixel
UVSP	17:23			Wavelength=1371A			Step=10"	Pitch=-153"	Yaw=+338"
Event # = 7727									
85/04/24, 17:29	DOY=114	Peak	End times	SMM Pointing:	N05E20		Pitch=-159", Yaw=+331", Roll=0deg	H. Ang=23deg	
GOES	17:29:12	17:29:40	17:29:59	Peak...c/s=75	Qual=00	Tot Cts=263	MaxkeV=50		
HXRBS				Wavelength=1371A	Qual=01	Exp # = 30577	Rast=30"x30"	Step=0"	Pitch=-108", Yaw=+302"
UVSP	17:24								
Event # = 7820									
85/04/24, 20:56	DOY=114	Peak	End times	SMM Pointing:	N05E19		Pitch=-159", Yaw=+304", Roll=0deg	H. Ang=21deg	
Optical				Ha...Class=SN	N04E21	AR4647	Mac.=EKI	Carr. Lon.=229deg	H. Ang=23deg
GOES	20:47	20:56	21:15	Importance=C2	Qual=01		MaxkeV=70	Flags=I	
HXRBS	20:50:01	20:50:14	20:50:48	Peak...c/s=112	Qual=01	Tot Cts=1084	FePeak.c/s=10	#Peaks=1	XEN=511408
BCS	20:50	20:57	22:05	CaPeak.c/s=58	Qual= 1	FePeak=20:57	Rast=30"x30"	Step=0"	Pitch=-158", Yaw=+343"
FCS		20:58		Peak3...c/s=384		Exp # = 30588			
UVSP	20:52			Wavelength=1371A	Code=00				
Radio	Sweeps	Type/Intensity:	V/2						
Radio	Frequency(MHz)/Flux(sfu):	245/780	410/210						
Event # = 7728									
85/04/25, 03:18	DOY=115	Peak	End times	SMM Pointing:	N05E15		Pitch=-161", Yaw=+244", Roll=0deg	H. Ang=18deg	
GOES	03:17:31	03:18:05	03:18:12	Peak...c/s=91	Qual=00	Tot Cts=282	MaxkeV=50		
HXRBS				Wavelength=1371A	Qual=01	Exp # = 30614	Rast=30"x30"	Step=0"	Pitch=-180", Yaw=+236"
UVSP	03:09								

Event # = 7729									
85/04/25, 04:23	DOY=115	SMM Pointing:			N05E14	Pitch=-161", Yaw=+233", Roll=0deg		H. Ang=17deg	
Start	Peak	End times							
GOES 04:19	04:23	04:36	Importance=B6	Qual=04					
HXRBS 04:21:25	04:21:52	04:22:21	Peak...c/s=144	Qual=01					
BCS 04:22	04:22	04:23	CaPeak.c/s=24	Qual=1					
FCS 04:23	04:23		Peak3...c/s=47						
UVSP 04:24			Wavelength=1371A	Code=02					XEN=511500
Radio	Frequency(MHz)/Flux(sfu):	4995/8 8800/18 15400/34						Cad=3840s 3840s/pixel	
Event # = 7730									
85/04/25, 05:00	DOY=115	SMM Pointing:			N05E14	Pitch=-161", Yaw=+233", Roll=0deg		H. Ang=17deg	
Start	Peak	End times							
Optical 04:59	05:00	05:06	Ha...Class=SF	N05E12					
GOES 04:58:47	04:59:12	04:59:33	Importance=B6	Qual=01					
HXRBS 04:59	04:59	05:01	Peak...c/s=220	Qual=01					
BCS 04:59	04:59	05:01	CaPeak.c/s=19	Qual=1					
FCS 04:44	05:00		Peak3...c/s=82						XEN=511501
UVSP 04:44			Wavelength=1371A	Code=00					Cad=16.4s 16.38s/pixel
Event # = 21096									
85/04/25, 05:17	DOY=115	SMM Pointing:			N05E14	Pitch=-161", Yaw=+233", Roll=0deg		H. Ang=17deg	
Start	Peak	End times							
Optical 05:15	05:17	05:35	Ha...Class=SF	N03E11					
GOES 05:15	05:17	05:35	Importance=B7	Qual=01					
BCS 05:17	05:17	05:17	CaPeak.c/s=19	Qual=1					
UVSP 05:03	05:03		Wavelength=1371A	Code=00					XEN=511502
Event # = 21097									
85/04/25, 05:57	DOY=115	SMM Pointing:			N05E13	Pitch=-161", Yaw=+220", Roll=0deg		H. Ang=17deg	
Start	Peak	End times							
GOES 05:51	05:57	06:26	Importance=B7	Qual=04					
BCS 05:56	06:01	06:02	CaPeak.c/s=20	Qual=1					
FCS 05:57	05:57		Peak3...c/s=56						XEN=511515
UVSP 05:57			Wavelength=1371A	Code=02					
Radio	Frequency(MHz)/Flux(sfu):	4995/11 8800/13						Pitch=-155", Yaw=+227"	
Event # = 21098									
85/04/25, 06:41	DOY=115	SMM Pointing:			N05E13	Pitch=-161", Yaw=+220", Roll=0deg		H. Ang=17deg	
Start	Peak	End times							
Optical 06:34	06:41	07:11	Ha...Class=SF	N05E11					
GOES 06:34	06:41	07:11	Importance=B8	Qual=01					
BCS 06:36	06:40	06:47	CaPeak.c/s=35	Qual=1					
FCS 06:36	06:40		Peak3...c/s=37						XEN=511518
UVSP 06:36			Wavelength=1371A	Code=00					
Event # = 7731									
85/04/25, 07:38	DOY=115	SMM Pointing:			N05E12	Pitch=-161", Yaw=+205", Roll=0deg		H. Ang=16deg	
Start	Peak	End times							
Optical 07:22	07:38	08:06	Ha...Class=SN	N05E11					
GOES 07:22	07:38	08:06	Importance=C4	Qual=04					
HXRBS 07:37:04	07:37:33	07:38:17	Peak...c/s=68	Qual=01					
BCS 07:30	07:32	08:05	CaPeak.c/s=238	Qual=4					
FCS 07:33	07:48		Peak3...c/s=439						XEN=511512
UVSP 07:33			Wavelength=1371A	Code=00					Cad= 922s 1.024s/pixel
Radio	Frequency(MHz)/Flux(sfu):	2695/23 4995/40 8800/45 15400/23						Pitch=-140", Yaw=+167"	

----- Associated Event # = 21099 -----									
BCS	08:06	08:18	08:29	CaPeak.c/s=42	Qual= 1	FePeak=08:18	FePeak.c/s=13	#Peaks=3	dt= 7.7s XEN=511523
FCS	08:11	08:11		Peak3...c/s=45			Rast=0"x0"	Step=0"	Cad=16.4s 16.38s/pixel
UVSP	08:11			Wavelength=1371A		Exp #=30640	Rast=30"x30"	Step=0"	Pitch=-121", Yaw=+131"
-----									
Event # = 7881									
85/04/25,09:06	DOY=115	Peak	End times	SMM Pointing:	N05E12		Pitch=-162", Yaw=+191", Roll=0deg		H.Ang=15deg
GOES	09:01	09:06	09:20	Importance=88	Qual=04				
HXRBS	09:12:00	09:12:12	09:12:27	Peak...c/s=65	Qual=01				
BCS	09:04	09:05	09:09	CaPeak.c/s=22	Qual= 4	FePeak=09:05	MaxkeV=50	Flags=I	XEN=511503
FCS	09:05	09:05		Peak3...c/s=37			Rast=0"x0"	Step=0"	Cad=3840s 3840s/pixel
UVSP	09:07			Wavelength=1371A	Code=02	Exp #=30643	Rast=280"x280"	Step=10"	Pitch=-156", Yaw=+198"
-----									
Event # = 7882									
85/04/25,09:36	DOY=115	Peak	End times	SMM Pointing:	N05E12		Pitch=-162", Yaw=+191", Roll=0deg		H.Ang=15deg
GOES	09:32	09:36	09:39	Importance=B6	Qual=01				
HXRBS	09:34:06	09:34:27	09:35:09	Peak...c/s=363	Qual=01	Tot Cts=3359	MaxkeV=91	Flags=I	
UVSP	09:27			Wavelength=1371A	Code=00	Exp #=30646	Rast=30"x30"	Step=0"	Pitch=-121", Yaw=+130"
-----									
Event # = 21100									
85/04/25,10:53	DOY=115	Peak	End times	SMM Pointing:	N05E11		Pitch=-162", Yaw=+177", Roll=0deg		H.Ang=15deg
GOES	10:42	10:53	11:29	Importance=88	Qual=03				
BCS	10:48	10:51	11:22	CaPeak.c/s=29	Qual= 3	FePeak=10:51	FePeak.c/s=8	#Peaks=1	dt= 7.7s XEN=511506
FCS	10:52	10:52		Peak3...c/s=104			Rast=0"x0"	Step=0"	Cad= 768s 768.0s/pixel
UVSP	10:45			Wavelength=1548A	Code=00	Exp #=30653	Rast=240"x240"	Step=3"	Pitch=-158", Yaw=+185"
-----									
Event # = 21101									
85/04/25,12:09	DOY=115	Peak	End times	SMM Pointing:	N05E11		Pitch=-162", Yaw=+177", Roll=0deg		H.Ang=15deg
GOES	11:43	12:09	12:43	Importance=C1	Qual=05				
BCS	12:13	12:13	12:19	CaPeak.c/s=27	Qual= 4	FePeak=12:13	FePeak.c/s=14	#Peaks=1	XEN=511519
FCS	12:13	12:13		Peak3...c/s=54			Rast=30"x30"	Step=0"	
UVSP	12:16			Wavelength=1347A	Code=02	Exp #=30656			Pitch=-158", Yaw=+171"
-----									
Event # = 7732									
85/04/25,14:46	DOY=115	Peak	End times	SMM Pointing:	N05E09		Pitch=-163", Yaw=+148", Roll=0deg		H.Ang=13deg
GOES	14:45	14:46	14:50	Importance=B5	Qual=01				
HXRBS	14:45:05	14:45:28	14:45:47	Peak...c/s=139	Qual=01	Tot Cts=959	MaxkeV=70	Flags=M	
UVSP	14:39			Wavelength=1371A	Code=00	Exp #=30667	Rast=30"x30"	Step=0"	Pitch=-111", Yaw=+82"
Radio	Frequency (MHz)/Flux(sfu): 245/160 410/95 606/170								
-----									
Event # = 7734									
85/04/25,18:59	DOY=115	Peak	End times	SMM Pointing:	N05E06		Pitch=-163", Yaw=+105", Roll=0deg		H.Ang=12deg
Optical							Mac.=EKI	Carr. Lon.=234deg	
GOES	18:56	18:59	19:06	Ha...Class=SN	N04E04	AR4647			
HXRBS	18:57:59	18:59:02	18:59:24	Importance=B6	Qual=01	Tot Cts=1482	MaxkeV=70	#Peaks=1	XEN=511507
BCS	18:58	18:59	19:00	Peak...c/s=123	Qual=01	FePeak=18:58	FePeak.c/s=11	Step=0"	Cad= 768s 768.0s/pixel
FCS	18:59	18:59		CaPeak.c/s=25	Qual= 1		Rast=0"x0"	Step=0"	Pitch=-172", Yaw=+113"
UVSP	18:54			Peak3...c/s=44		Exp #=30679	Rast=30"x30"	Step=0"	
				Wavelength=1371A	Code=00	Event # = 7733			
HXRBS	18:54:26	18:54:33	18:54:41	Peak...c/s=61	Qual=01	Tot Cts=150	MaxkeV=50		

Event # = 21102									
85/04/25,20:00	DOY=115								
Start	Peak	SMM Pointing:	N05E06					Pitch=-163", Yaw=+105", Roll=0deg	H.Ang=12deg
GOES 19:54	20:00	Importance=B7	Qual=05						
BCS 20:08	20:08	CaPeak.c/s=19	Qual=1	FePeak=20:08				FePeak.c/s=6 #Peaks=1	XEN=511508
FCS 20:08	20:08	Peak3..c/s=75						Rast=0"x0" Step=0" Cad=3840s	3840s/pixel
UVSP 20:07		Wavelength=1371A	Code=02	Exp #=30680				Rast=280"x280" Step=10" Pitch=-157", Yaw=+9"	
Event # = 7735									
85/04/25,20:30	DOY=115								
Start	Peak	SMM Pointing:	N05E05					Pitch=-164", Yaw=+91", Roll=0deg	H.Ang=11deg
GOES 20:26	20:30	Importance=B6	Qual=01						
HXRBS 20:26:38	20:26:51	Peak...c/s=69	Qual=01	Tot Cts=346				MaxkeV=50	
UVSP 20:09		Wavelength=1371A	Code=00	Exp #=30681				Rast=30"x30" Step=0" Pitch=-192", Yaw=+62"	
Event # = 7736									
85/04/25,20:53	DOY=115								
Start	Peak	SMM Pointing:	N05E05					Pitch=-164", Yaw=+91", Roll=0deg	H.Ang=11deg
GOES 20:33	20:53	Importance=C2	Qual=02						
HXRBS 20:34:19	20:34:51	Peak...c/s=67	Qual=01	Tot Cts=221				MaxkeV=50	
BCS 20:40	20:47	CaPeak.c/s=68	Qual=2	FePeak=20:47				FePeak.c/s=13 dt= 3.8s	XEN=511509
FCS 20:46	20:46	Peak3..c/s=87						Rast=0"x0" Step=0" Cad= 768s	768.0s/pixel
UVSP 20:09		Wavelength=1371A	Code=01	Exp #=30681				Rast=30"x30" Step=0" Pitch=-192", Yaw=+62"	
Event # = 21103									
85/04/25,22:48	DOY=115								
Start	Peak	SMM Pointing:	N05E04					Pitch=-163", Yaw=+66", Roll=0deg	H.Ang=11deg
GOES 22:31	22:48	Importance=C3	Qual=05						
BCS 23:14	23:15	CaPeak.c/s=46	Qual=4	FePeak=23:14				FePeak.c/s=8 #Peaks=1	XEN=511510
UVSP 23:17		Wavelength=1371A		Exp #=30684				Rast=280"x280" Step=10" Pitch=-157", Yaw=+68"	
Radio	Frequency (MHz)/Flux(sfu):	245/19							
Event # = 7821									
85/04/26,02:31	DOY=116								
Start	Peak	SMM Pointing:	N05E02					Pitch=-163", Yaw=+32", Roll=0deg	H.Ang=10deg
Optical		Ha...Class=SF	N04E02	AR4647				Mac.=EKI Carr.Lon.=232deg	H.Ang=9deg
GOES 02:28	02:31	Importance=B9	Qual=01						
HXRBS 02:31:22	02:31:47	Peak...c/s=128	Qual=01	Tot Cts=728				MaxkeV=50	
BCS 02:31	02:31	CaPeak.c/s=42	Qual=1	FePeak=02:31				FePeak.c/s=14 #Peaks=1	XEN=511600
FCS 02:31	02:31	Peak3..c/s=35							
UVSP 02:24		Wavelength=1371A	Code=01	Exp #=30688				Rast=280"x280" Step=10" Pitch=-157", Yaw=+38"	
Radio	Frequency (MHz)/Flux(sfu):	245/69							
Event # = 21104									
85/04/26,05:29	DOY=116								
Start	Peak	SMM Pointing:	N05E01					Pitch=-163", Yaw=+9", Roll=0deg	H.Ang=10deg
GOES 05:29	05:29	CaPeak.c/s=42	Qual=06						
BCS 05:29	05:40	Peak3..c/s=106	Qual=5	FePeak=05:30				FePeak.c/s=8 #Peaks=1	XEN=511601
FCS 05:33		Wavelength=1371A		Exp #=30697				Rast=280"x280" Step=10" Pitch=-157", Yaw=+9"	
UVSP 05:33									



Event # = 21105	DOY=116	SMM Pointing:	N05E01	Pitch=-163", Yaw=+9", Roll=0deg	H.Ang=10deg
85/04/26, 05:40 Start	Peak	End times			
Optical					
GOES 05:37	05:40	Ha...Class=SN	N04W00	Mac.=EKI	H.Ang=9deg
BCS 05:40	05:40	Importance=B6	Qual=01	Carr.Lon.=232deg	
FCS 05:40	05:40	CaPeak.c/s=19	Qual=1	FePeak.c/s=16	XEN=511602
UVSP 05:36	05:40	Peak3...c/s=106	Exp #=30698	Rast=30"x30"	Pitch=-142", Yaw=+14"
		Wavelength=1371A	Code=00	Step=0"	
Event # = 7742	DOY=116	SMM Pointing:	N05W04	Pitch=-164", Yaw=-71", Roll=0deg	H.Ang=11deg
85/04/26, 14:22 Start	Peak	End times			
GOES					
HXRBS 14:22:18	14:22:25	Peak...c/s=107	Qual=06	MaxkeV=50	
			Qual=01	Tot Cts=377	
Event # = 21106	DOY=117	SMM Pointing:	N05W21	Pitch=-153", Yaw=-345", Roll=0deg	H.Ang=23deg
85/04/27, 20:54 Start	Peak	End times			
Optical					
GOES 20:51	20:54	Ha...Class=1B	N06E03	Mac.=EKI	H.Ang=11deg
BCS 20:54	20:54	CaPeak.c/s=365	Qual=00	Carr.Lon.=208deg	
FCS	20:54	Peak3...c/s=64	Qual=4	FePeak.c/s=42	XEN=511701
UVSP				dt= 3.8s	
				Pitch=-425", Yaw=-670"	
Event # = 7743	DOY=117	SMM Pointing:	N05W23	Pitch=-153", Yaw=-365", Roll=0deg	H.Ang=24deg
85/04/27, 23:26 Start	Peak	End times			
GOES 23:22	23:26	Importance=C1	Qual=01	MaxkeV=50	
HXRBS 23:24:49	23:25:09	Peak...c/s=89	Qual=01		
Event # = 7883	DOY=118	SMM Pointing:	N05W37	Pitch=-141", Yaw=-570", Roll=0deg	H.Ang=38deg
85/04/28, 22:14 Start	Peak	End times			
Optical					
GOES 22:11	22:14	Ha...Class=SN	N03W38	Mac.=EKI	H.Ang=39deg
HXRBS 22:12:15	22:12:34	Importance=C2	Qual=01	Carr.Lon.=235deg	
BCS 22:12	22:13	Peak...c/s=862	Qual=01	Flags=M, I	XEN=511801
FCS 22:14	22:14	CaPeak.c/s=289	Qual=1	FePeak.c/s=65	
		Peak3...c/s=834	Tot Cts=16747	Step=0"	26.88s/pixel
			FePeak=22:13	Rast=0"x0"	
Event # = 21107	DOY=119	SMM Pointing:	N05W46	Pitch=-134", Yaw=-680", Roll=0deg	H.Ang=47deg
85/04/29, 15:23 Start	Peak	End times			
Optical					
GOES 15:18	15:23	Ha...Class=SN	N06W47	Mac.=EKI	H.Ang=48deg
HXRBS 15:22	15:23	Importance=B6	Qual=04	Carr.Lon.=234deg	
BCS 15:22	15:23	CaPeak.c/s=29	Qual=1	FePeak.c/s=11	XEN=511900
FCS	15:22	Peak3...c/s=30	FePeak=15:22	Step=0"	3840s/pixel
				Rast=0"x0"	
Event # = 21108	DOY=119	SMM Pointing:	N05W47	Pitch=-133", Yaw=-700", Roll=0deg	H.Ang=48deg
85/04/29, 17:14 Start	Peak	End times			
GOES 17:10	17:14	Importance=B7	Qual=01	FePeak.c/s=12	XEN=511901
BCS 17:13	17:13	CaPeak.c/s=32	Qual=1	Step=0"	768.0s/pixel
FCS 17:15	17:15	Peak3...c/s=84	FePeak=17:13	Cad= 768s	

85/04/30		DOY=120	
Event # = 7884	DOY=120	SMM Pointing:	
85/04/30, 04:15	Peak	End times	
Optical		Ha...Class=SN	
GOES 04:11	04:15	Importance=B6	
HXRBS 04:12:14	04:12:58	Peak...c/s=64	
BCS 04:13	04:14	CaPeak.c/s=33	
FCS 04:13	04:13	Peak3...c/s=130	
Radio	Frequency(MHz)/Flux(sfu):	8800/14	
85/04/30		DOY=120	
Event # = 7745	DOY=120	SMM Pointing:	
85/04/30, 23:44	Peak	End times	
Optical		Ha...Class=SB	
GOES 23:42	23:44	Importance=C2	
HXRBS 23:43:44	23:44:09	Peak...c/s=1224	
BCS 23:44	23:44	CaPeak.c/s=123	
FCS 23:46	23:46	Peak3...c/s=990	
Radio	Frequency(MHz)/Flux(sfu):	8800/11 15400/46	
85/05/01		DOY=121	
Event # = 7746	DOY=121	SMM Pointing:	
85/05/01, 08:53	Peak	End times	
GOES 08:45	08:53	Importance=B4	
HXRBS 08:47:08	08:47:40	Peak...c/s=67	
BCS 08:47	08:50	CaPeak.c/s=23	
FCS 08:51	08:51	Peak3...c/s=59	
85/05/01		DOY=121	
Event # = 7747	DOY=121	SMM Pointing:	
85/05/01, 09:13	Peak	End times	
GOES 09:10	09:13	Importance=B4	
HXRBS 09:12:42	09:12:48	Peak...c/s=87	
85/05/01		DOY=121	
Event # = 21109	DOY=121	SMM Pointing:	
85/05/01, 14:34	Peak	End times	
Optical		Ha...Class=SB	
GOES 14:25	14:34	Importance=C3	
BCS 14:32	14:33	CaPeak.c/s=188	
FCS 14:39	14:39	Peak3...c/s=841	
Radio	Frequency(MHz)/Flux(sfu):	1415/11 2695/35 4995/24 8800/65 15400/33	
85/05/01		DOY=121	
Event # = 7750	DOY=121	SMM Pointing:	
85/05/01, 19:19	Peak	End times	
Optical		Ha...Class=SN	
GOES 19:17	19:19	Importance=B7	
HXRBS 19:17:35	19:18:19	Peak...c/s=115	
BCS 19:18	19:18	CaPeak.c/s=22	
FCS 19:20	19:20	Peak3...c/s=26	

Event # = 21110		85/05/02		DOY=122	
85/05/02,05:11	DOY=122	SMM Pointing:		Pitch=-62", Yaw=-938", Roll=0deg	
Optical	End times	N03W80		H. Ang=80deg	
G0ES 05:05	05:11	N04W90		H. Ang=90deg	
BCS 05:10	05:12	Qual=01		Mac.=DAO	
FCS 05:12	05:12	Qual=1		Carr. Lon.=243deg	
		FePeak=05:10		#Peaks=1	
		Peak3..c/s=175		Rast=0"x0"	
				Cad=16.4s	
				XEN=512200	
				16.38s/pixel	
Event # = 8741		85/05/02,07:45		DOY=122	
85/05/02,07:45	DOY=122	SMM Pointing:		Pitch=-62", Yaw=-938", Roll=0deg	
Optical	End times	N03W80		H. Ang=80deg	
G0ES 07:41	07:45	N04W90		H. Ang=90deg	
HXRBS 07:50:49	07:53:35	Qual=05		Mac.=DAO	
Radio Sweeps	Type/Intensity:	Qual=02		Carr. Lon.=242deg	
Radio Frequency(MHz)/Flux(sfu):	1415/160 2695/480 4995/680 8800/680 15400/700	Tot Cts=6110		Flags=I, SN, SA	
Event # = 21111		85/05/02,08:03		DOY=122	
85/05/02,08:03	DOY=122	SMM Pointing:		Pitch=-62", Yaw=-938", Roll=0deg	
Optical	End times	N03W80		H. Ang=80deg	
G0ES 07:54	08:03	N04W90		H. Ang=90deg	
BCS 08:19	08:20	Qual=01		Mac.=DAO	
FCS 08:41	08:50	Qual=5		Carr. Lon.=242deg	
Radio Sweeps	Type/Intensity:	FePeak=08:20		#Peaks=1	
	IV/1	FePeak=08:20		Rast=240"x240"	
		Associated Event # = 21112		Cad= 590s	
		Qual= 4		XEN=512201	
		FePeak=09:26		1.024s/pixel	
Event # = 20523		85/05/02,08:04		DOY=122	
85/05/02,08:04	DOY=122	SMM Pointing:		Pitch=-62", Yaw=-938", Roll=0deg	
G0ES	End times	N03W80		H. Ang=80deg	
C/P 08:04	Extrap St=05/02,07:49	Qual=00		Mac.=DAO	
	PA=270deg	Big loop at 08:46		Carr. Lon.=242deg	
				#Peaks=1	
				Rast=240"x240"	
				Cad= 768s	
				XEN=512204	
				768.0s/pixel	
Event # = 21113		85/05/02,11:00		DOY=126	
85/05/02,11:00	DOY=122	SMM Pointing:		Pitch=-62", Yaw=-938", Roll=0deg	
G0ES	End times	N03W80		H. Ang=80deg	
BCS 11:00	11:00	Qual=00		Mac.=DAO	
FCS 11:00	11:55	Qual=5		Carr. Lon.=242deg	
		FePeak=11:00		#Peaks=1	
		FePeak=11:00		Rast=0"x0"	
				Cad=3840s	
				XEN=512202	
				3840s/pixel	
Event # = 7754		85/05/06		DOY=126	
85/05/06,18:01	DOY=126	SMM Pointing:		Pitch=-159", Yaw=+21", Roll=0deg	
G0ES	End times	N06E01		H. Ang=10deg	
HXRBS 17:58	18:01	Qual=03		Mac.=DAO	
	18:04	Qual=01		Carr. Lon.=242deg	
	18:01:03	Tot Cts=670		#Peaks=1	
				Rast=0"x0"	
				Cad=3840s	
				XEN=512202	
				3840s/pixel	

85/05/07 DOY=127									
Event # = 7755	DOY=127	SMM Pointing:	S12E86	Pitch=+197", Yaw=+929", Roll=0deg	H. Ang=86deg				
85/05/07, 07:53	Peak	End times							
Optical	Start	Ha...Class=SN	S11E85	Mac.=DK0	H. Ang=84deg				
GOES	07:48	Importance=B5	Qual=01	Carr. Lon.=1deg					
HXRBS	07:51:07	Peak...c/s=102	Qual=01	MaxkeV=50					
BCS	07:51	CaPeak.c/s=26	Qual=1	FePeak.c/s=12	XEN=512700				
	07:55			#Peaks=1					
Event # = 21114	DOY=127	SMM Pointing:	S12E86	Pitch=+197", Yaw=+929", Roll=0deg	H. Ang=86deg				
85/05/07, 08:07	Peak	End times							
Optical	Start	Ha...Class=SN	S11E85	Mac.=DK0	H. Ang=84deg				
GOES	08:02	Importance=C2	Qual=01	Carr. Lon.=1deg					
BCS	08:08	CaPeak.c/s=93	Qual=1	FePeak.c/s=21	XEN=512701				
	08:12			#Peaks=1					
Event # = 7756	DOY=127	SMM Pointing:	S12E87	Pitch=+197", Yaw=+930", Roll=0deg	H. Ang=86deg				
85/05/07, 08:14	Peak	End times							
GOES	08:13	Importance=B7	Qual=01	MaxkeV=50					
HXRBS	08:14:36	Peak...c/s=64	Qual=01	FePeak.c/s=9	XEN=512703				
BCS	08:15	CaPeak.c/s=23	Qual=1	#Peaks=1					
	08:16								
Event # = 21115	DOY=127	SMM Pointing:	S14E87	Pitch=+230", Yaw=+922", Roll=0deg	H. Ang=86deg				
85/05/07, 20:04	Peak	End times							
GOES	19:48	Importance=C1	Qual=04	FePeak.c/s=12	XEN=512704				
BCS	20:01	CaPeak.c/s=67	Qual=5	Rast=0"x0"	dt=3.8s				
FCS	20:12	Peak3...c/s=334		Step=0"	Cad=1.02s				
	20:19								
Event # = 7760	DOY=127	SMM Pointing:	S14E87	Pitch=+230", Yaw=+922", Roll=0deg	H. Ang=86deg				
85/05/07, 21:40	Peak	End times							
GOES	21:35	Importance=B3	Qual=01	MaxkeV=50					
HXRBS	21:38:17	Peak...c/s=71	Qual=01						
	21:39:05								
Event # = 7761	DOY=128	SMM Pointing:	S14E87	Pitch=+230", Yaw=+922", Roll=0deg	H. Ang=86deg				
85/05/08, 02:46	Peak	End times							
Optical	Start	Ha...Class=SF	S11E72	Mac.=DAI	H. Ang=72deg				
GOES	02:41	Importance=B6	Qual=01	Carr. Lon.=3deg					
HXRBS	02:43:38	Peak...c/s=159	Qual=01	MaxkeV=70					
	02:44:51								
Event # = 8476	DOY=128	SMM Pointing:	S14E87	Pitch=+230", Yaw=+922", Roll=0deg	H. Ang=86deg				
85/05/08, 10:47	Peak	End times							
GOES	10:44	Importance=B3	Qual=01	MaxkeV=50					
HXRBS	10:46:50	Peak...c/s=85	Qual=01	Flags=1	Pitch=+230", Yaw=+924"				
UVSP	10:47:04								

Event # = 8479		85/05/09		DOY=129	
85/05/09, 19:44	DOY=129	S14E51		Pitch=+197", Yaw=+718", Roll=0deg	
Optical	End times	S12E50		Mac.=DKI Carr. Lon.=3deg	
GOES 19:40	19:44	Qual=01		MaxkeV=70	
HXRBS 19:42:22	19:42:54	Qual=01		Flags=I	
Tot Cts=1350		85/05/11		DOY=131	
Event # = 21116		S14E35		Pitch=+188", Yaw=+533", Roll=0deg	
85/05/11, 06:04	DOY=131	Qual=01		H. Ang=36deg	
GOES 05:48	06:04	Importance=C1		FePeak.c/s=19 #Peaks=1	
BCS 06:03	06:15	CaPeak.c/s=59		XEN=513100	
FePeak=06:03		85/05/12		DOY=132	
Event # = 7764		S13E17		Pitch=+168", Yaw=+269", Roll=0deg	
85/05/12, 18:30	DOY=132	S13E12		H. Ang=19deg	
Optical	End times	Qual=01		H. Ang=16deg	
GOES 18:12	18:30	Ha...Class=SB		Mac.=DKI	
HXRBS 18:23:23	18:24:39	Importance=C1		MaxkeV=50	
BCS 18:24	18:26	Peak...c/s=70		FePeak.c/s=10	
CaPeak.c/s=40		Qual=1		dt= 7.7s	
Radio Frequency(MHz)/Flux(sfu): 245/90 410/140 606/25 1415/13		85/05/13		DOY=133	
Event # = 7765		S13E11		Pitch=+168", Yaw=+177", Roll=0deg	
85/05/13, 05:18	DOY=133	Qual=01		H. Ang=15deg	
GOES 05:13	05:18	Importance=B9		MaxkeV=50	
HXRBS 05:16:53	05:18:33	Peak...c/s=71		Tot Cts=992	
Event # = 20604		S13E09		Pitch=+168", Yaw=+149", Roll=0deg	
85/05/13, 08:23	DOY=133	S13E05		H. Ang=14deg	
Optical	End times	Qual=05		H. Ang=11deg	
GOES 07:50	08:23	Ha...Class=SF		Mac.=DHI	
BCS 08:27	08:27	Importance=C1		FePeak.c/s=8	
CaPeak.c/s=29		Qual=5		XEN=513300	
FePeak=08:27		85/05/13		DOY=133	
Event # = 21117		S13E08		Pitch=+136", Yaw=-168", Roll=90deg	
85/05/13, 10:00	DOY=133	Qual=05		H. Ang=13deg	
GOES 09:54	10:00	Importance=C5		XEN=513303	
BCS 10:05	10:05	CaPeak.c/s=111		FePeak.c/s=12	
FePeak=10:05		85/05/13		DOY=133	
Event # = 8390		S13E04		Pitch=+170", Yaw=+67", Roll=0deg	
85/05/13, 18:26	DOY=133	S14W01		H. Ang=11deg	
Optical	End times	Qual=03		H. Ang=11deg	
GOES 18:18	18:26	Ha...Class=SB		Mac.=DHI	
HXRBS 18:19:30	18:22:06	Importance=C2		MaxkeV=113	
BCS 18:23	18:29	Peak...c/s=223		Flags=I	
CaPeak.c/s=126		Qual=01		dt= 3.8s	
Radio Frequency(MHz)/Flux(sfu): 1415/57 2695/25 4995/27 8800/27 15400/35		Qual=3		XEN=513305	
FePeak=18:30		FePeak.c/s=23		#Peaks=1	

Event # = 7768		DOY=133		SMM Pointing:		S13E02		Pitch=+168", Yaw=+29", Roll=0deg		H. Ang=10deg	
85/05/13, 22:19	Start	22:19	Peak	End times	Importance=B5	Qual=05					
GOES 22:14				22:41	Peak...c/s=75	Qual=01	Tot Cts=1393	MaxkeV=50			
HXRBS 22:20:10		22:21:30		22:23:20							
Event # = 8391		DOY=134		SMM Pointing:		S13E01		Pitch=+168", Yaw=+9", Roll=0deg		H. Ang=10deg	
85/05/14, 00:15	Start	00:15	Peak	End times	Importance=C1	Qual=01					
GOES 00:06		00:15		00:22	Peak...c/s=71	Qual=01	Tot Cts=683	MaxkeV=50	Flags=1		
HXRBS 00:10:40		00:11:13		00:12:04	CaPeak...c/s=72	Qual=1	FePeak=00:26	FePeak.c/s=18	#Peaks=2	dt= 3.8s	XEN=513400
BCS 00:12		00:26		00:39							
Event # = 8392		DOY=134		SMM Pointing:		S13E01		Pitch=+168", Yaw=+9", Roll=0deg		H. Ang=10deg	
85/05/14, 00:26	Start	00:26	Peak	End times	Ha...Class=SF	S14W03	AR4652	Mac.=DK1	Carr. Lon.=0deg		
Optical 00:22		00:26		00:53	Importance=C2	Qual=01					
GOES 00:24:16		00:25:16		00:26:18	Peak...c/s=60	Qual=01	Tot Cts=1090	MaxkeV=50	Flags=1		
HXRBS 00:24:16		00:25:16		00:26:18	Peak...c/s=60						
Radio Sweeps		Type/Intensity:		11/2							
Event # = 7769		DOY=134		SMM Pointing:		S13W06		Pitch=+168", Yaw=-90", Roll=0deg		H. Ang=12deg	
85/05/14, 11:24	Start	11:24	Peak	End times	Importance=B1	Qual=01					
GOES 11:23		11:24		11:30	Peak...c/s=72	Qual=01	Tot Cts=375	MaxkeV=50			
HXRBS 11:24:40		11:24:58		11:25:23							
Event # = 7770		DOY=134		SMM Pointing:		S13W08		Pitch=+170", Yaw=-130", Roll=0deg		H. Ang=13deg	
85/05/14, 15:56	Start	15:56	Peak	End times	Peak...c/s=76	Qual=00					
GOES 15:56:29		15:56:33		15:56:41		Qual=01		MaxkeV=50			
HXRBS 15:56:29		15:56:33		15:56:41							
Event # = 8480		DOY=137		SMM Pointing:		N05E86		Pitch=-83", Yaw=+945", Roll=0deg		H. Ang=87deg	
85/05/17, 17:33	Start	17:33	Peak	End times	Peak...c/s=107	Qual=01					
GOES 17:32:41		17:33:09		17:33:25	Wave length=1375A	Qual=00	Tot Cts=1070	MaxkeV=229	Flags=1		
HXRBS 17:32		17:33		17:32		Qual=01	Exp #=30744	Rast=265"x265"	Step=5"	Pitch=-79", Yaw=+954"	
UVSP 17:32		17:32		17:32							
Event # = 7775		DOY=139		SMM Pointing:		N06E51		Pitch=-121", Yaw=+734", Roll=0deg		H. Ang=52deg	
85/05/19, 15:37	Start	15:37	Peak	End times	Importance=B9	Qual=01					
GOES 15:23		15:37		16:21	Peak...c/s=94	Qual=01		MaxkeV=50			
HXRBS 15:27:54		15:28:44		15:30:52	CaPeak...c/s=32	Qual=1	FePeak=15:36	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=513900
BCS 15:30		15:36		15:43	Peak3...c/s=37			Rast=0"x0"	Step=0"	Cad=16.4s	16.38s/pixel
FCS 15:38		15:38		15:38							
Radio Frequency(MHz)/Flux(sfu):		245/220		1415/17	2695/12						

Event # = 7777									
85/05/19,17:37	DOY=139	SMM Pointing:	N06E50	Pitch=-122", Yaw=+724", Roll=0deg	H.Ang=51deg				
GOES 17:11	17:37	End times	Qual=03						
17:37	17:49	Importance=C2	Qual=01						
HXRBS 17:31:12	17:33:01	Peak...c/s=149	Tot Cts=7588						
BCS 17:31	17:38	CaPeak.c/s=54	Qual= 3	MaxkeV=50					
FCS 17:37	17:38	Peak3...c/s=114	FePeak=17:38	dt= 3.8s	XEN=513902				
				Rast=0"x0"	Step=0"	Cad=1.02s			
Associated Event # = 7776									
HXRBS 17:17:46	17:19:07	Peak...c/s=80	Qual=01	MaxkeV=50					
85/05/21 DOY=141									
Event # = 7795									
85/05/21,04:21	DOY=141	SMM Pointing:	N06E31	Pitch=-129", Yaw=+486", Roll=0deg	H.Ang=32deg				
Optical		End times							
GOES 04:09	04:21	Ha...Class=1N	AR4656						
17:11	04:34	Importance=C2	Qual=05	Mac.=DAI					
HXRBS 04:11:01	04:11:32	Peak...c/s=137	Tot Cts=4685	Carr.Lon.=239deg	H.Ang=25deg				
Radio Sweeps	Type/Intensity:	111/2							
Radio Frequency (MHz)/Flux(sfu):	245/180 410/49	1415/19 2695/38 4995/14							
Event # = 7854									
85/05/21,09:55	DOY=141	SMM Pointing:	N06E27	Pitch=-130", Yaw=+435", Roll=0deg	H.Ang=29deg				
Optical		End times							
GOES 09:50	09:55	Ha...Class=SB	AR4656						
17:11	10:05	Importance=C4	Qual=01	Mac.=DAI					
HXRBS 09:53:16	09:54:18	Peak...c/s=1132	Tot Cts=33900	Carr.Lon.=233deg	H.Ang=27deg				
BCS 09:53	09:54	CaPeak.c/s=521	Qual= 1	MaxkeV=281					
FCS 09:57	09:57	Peak3...c/s=1404	FePeak=09:54	Flags=I					
				FePeak.c/s=154	XEN=514100				
Radio Sweeps									
Radio Frequency (MHz)/Flux(sfu):	245/2200 410/140 606/63 1415/82 2695/38 4995/100 8800/110								
Event # = 12739									
85/06/01,11:58	DOY=152	SMM Pointing:	S24W20	Pitch=+375", Yaw=-303", Roll=0deg	H.Ang=31deg				
Optical		End times							
GOES 11:58:09	11:58:10	Peak...c/s=68	Qual=01	MaxkeV=420					
BCS 11:58:09	11:58:10	Peak...c/s=68	Tot Cts=23	Flags=NS,GB					
FCS 11:58:09	11:58:10	Peak...c/s=68							
Event # = 21119									
85/06/17,00:17	DOY=168	SMM Pointing:	S01W60	Pitch=+26", Yaw=-821", Roll=0deg	H.Ang=60deg				
Optical		End times							
GOES 00:08	00:17	Importance=C2	Qual=01						
17:11	00:45	CaPeak.c/s=161	Qual= 1	FePeak=00:18					
HXRBS 00:13	00:18	Peak3...c/s=740							
BCS 00:13	00:18	Peak3...c/s=740							
FCS 00:13	00:18	Peak3...c/s=740							
Event # = 7877									
85/06/17,12:13	DOY=168	SMM Pointing:	S01W66	Pitch=-25", Yaw=-865", Roll=0deg	H.Ang=66deg				
Optical		End times							
GOES 11:59	12:13	Ha...Class=SN	AR4663						
17:11	12:20	Importance=C3	Qual=03	Mac.=HSX					
HXRBS 12:05:58	12:06:22	Peak...c/s=85	Tot Cts=558	Carr.Lon.=331deg	H.Ang=70deg				
BCS 12:06	12:09	CaPeak.c/s=95	Qual=01	MaxkeV=50					
FCS 12:08	12:08	Peak3...c/s=11	Qual= 2	FePeak=12:09					
				dt= 3.8s	XEN=516802				
Associated Event # = 7878									
HXRBS 12:09:47	12:10:00	Peak...c/s=67	Qual=01	Rast=0"x0"	Step=0"	Cad= 768s			
				MaxkeV=71					

Event # = 12740		85/06/18	DOY=169		
85/06/18, 08:06	DOY=169	S01W78		Pitch=+22", Yaw=-926", Roll=0deg	H.Ang=78deg
Start	Peak				
HYRBS 08:06:23	08:06:26	Qual=01	Tot Cts=74	MaxkeV=180	Flags=NS,GB
Peak...c/s=75					
SMM Pointing:					
End times					
85/06/29, 23:33					
DOY=180					
Start	Peak				
GOES 23:15	23:33	Qual=05			
BCS 23:35	23:36	Qual=5	FePeak=23:35	FePeak.c/s=20	#Peaks=1
FCS 23:47	23:47			Rast=0"x0"	Step=0" Cad= 129s
Peak3...c/s=480					XEN=518000
Importance=C2					129.0s/pixel
CaPeak.c/s=66					
Peak3...c/s=480					
Event # = 20524		85/06/30	DOY=181		
85/06/30, 00:20	DOY=181				
Start	Peak				
GOES 00:20	Extrap St=06/29, 23:27	Qual=00			
C/P	PA=95deg	Big loop, diffuse central blob			
Event # = 8485					
85/06/30, 23:30	DOY=181	S09E57		Pitch=+172", Yaw=+783", Roll=0deg	H.Ang=58deg
Start	Peak				
Optical					
GOES 23:23	23:30	S14E84	AR4670	Mac.=CA0	Carr.Lon.=359deg
BCS 23:26:46	23:26:58	Qual=01			
HXRBS 23:26:46	23:28:00	Qual=01	Tot Cts=616	MaxkeV=50	Flags=I
Peak...c/s=65					
SMM Pointing:					
End times					
85/07/02, 11:38					
DOY=183					
Start	Peak				
Optical					
GOES 11:05	11:38	S15E65		Pitch=+263", Yaw=+830", Roll=0deg	H.Ang=67deg
BCS 11:41	11:41	S13E64	AR4671	Mac.=DA0	Carr.Lon.=359deg
FCS 11:51	11:51	Qual=05			
Qual=5					
FePeak=11:41					
FePeak.c/s=7					
#Peaks=1					
dt= 7.7s					
Rast=240"x240"					
Step=10"					
Cad= 590s					
1.024s/pixel					
Event # = 7893					
85/07/02, 21:28	DOY=183	S15E59		Pitch=+269", Yaw=+786", Roll=0deg	H.Ang=61deg
Start	Peak				
Optical					
GOES 21:03	21:28	S15E56	AR4671	Mac.=DA0	Carr.Lon.=1deg
HXRBS 21:13:18	21:20:30	Qual=01			
BCS 21:07	21:24	Qual=11			
FCS 21:41	21:41	Qual=1			
Qual=5					
FePeak=21:23					
FePeak.c/s=848					
#Peaks=1					
dt= 7.7s					
Rast=0"x0"					
Step=0"					
Cad= 516s					
515.6s/pixel					
Event # = 21122					
85/07/02, 22:21	DOY=183	S15E59		Pitch=+269", Yaw=+786", Roll=0deg	H.Ang=61deg
Start	Peak				
GOES 22:21	22:21	Qual=00			
BCS 22:21	22:21	Qual=5	FePeak=22:21	FePeak.c/s=22	#Peaks=1
FCS 22:30	22:30			Rast=240"x240"	Step=10" Cad= 590s
Peak3...c/s=2084					
CaPeak.c/s=294					
Peak3...c/s=2084					
SMM Pointing:					
End times					
85/07/02, 21:28					
DOY=183					
Start	Peak				
Optical					
GOES 21:03	21:28	S15E59			
HXRBS 21:13:18	21:20:30	Qual=01			
BCS 21:07	21:24	Qual=11			
FCS 21:41	21:41	Qual=1			
Qual=5					
FePeak=21:23					
FePeak.c/s=848					
#Peaks=1					
dt= 7.7s					
Rast=0"x0"					
Step=0"					
Cad= 516s					
515.6s/pixel					





Event # = 21127 85/07/06, 23:10 Start GOES 23:09 BCS 23:10 FCS 23:11	DOY=187 Peak 23:10 23:11 23:11	End times 23:12 23:11	SMM Pointing: Importance=B9 CaPeak.c/s=22 Peak3..c/s=179	S16E06 Qual=01 Qual= 1	FePeak=23:11	Pitch=+315", Yaw=+88", Roll=0deg #Peaks=1 dt= 7.7s Rast=0"x0" Cad= 768s	H. Ang=20deg XEN=518703 768.0s/pixel
Event # = 7902 85/07/07, 00:12 Start Optical GOES 00:08 HXRBS 00:11:10 BCS 00:11	DOY=188 Peak 00:12 00:11:47 00:12	End times 00:25 00:12:44 00:14	SMM Pointing: Ha...Class=SF Importance=C1 Peak...c/s=143 CaPeak.c/s=67	S16E06 S16E05 Qual=01 Qual=01 Qual= 1	AR4672 Tot Cts=1509 FePeak=00:12	Pitch=+315", Yaw=+88", Roll=0deg Mac.=DKI Carr. Lon.=358deg MaxkeV=50 #Peaks=1 dt= 3.8s	H. Ang=20deg H. Ang=20deg XEN=518802
Event # = 7903 85/07/07, 00:43 Start Optical GOES 00:38 HXRBS 00:40:22 BCS 00:41	DOY=188 Peak 00:43 00:41:07 00:41	End times 00:47 00:42:14 00:42	SMM Pointing: Ha...Class=SF Importance=B6 Peak...c/s=93 CaPeak.c/s=19	S16E05 S20E05 Qual=01 Qual=01 Qual= 1	AR4672 FePeak=00:41	Pitch=+315", Yaw=+78", Roll=0deg Mac.=DKI Carr. Lon.=358deg MaxkeV=50 #Peaks=1	H. Ang=20deg H. Ang=24deg XEN=518803
Event # = 7904 85/07/07, 05:28 Start Optical GOES 05:23 HXRBS 05:26:28 BCS 05:26 FCS 05:29	DOY=188 Peak 05:28 05:27:38 05:28 05:29	End times 05:40 05:28:12 05:31	SMM Pointing: Ha...Class=SN Importance=C3 Peak...c/s=72 CaPeak.c/s=155 Peak3..c/s=630	S16E02 S13W00 Qual=03 Qual=01 Qual= 1	AR4671 FePeak=05:27	Pitch=+314", Yaw=+36", Roll=0deg Mac.=DAO Carr. Lon.=360deg MaxkeV=50 #Peaks=1	H. Ang=20deg H. Ang=17deg XEN=518800
Event # = 21128 85/07/07, 18:47 Start GOES 18:43 BCS 18:45	DOY=188 Peak 18:47 18:45	End times 18:55 18:47	SMM Pointing: Importance=B8 CaPeak.c/s=18	S16W05 Qual=05 Qual= 1	FePeak=18:45	Pitch=+314", Yaw=-81", Roll=0deg FePeak.c/s=8 #Peaks=1	H. Ang=20deg XEN=518804
Event # = 21129 85/07/07, 19:10 Start GOES 19:00 BCS 19:04 FCS 19:05	DOY=188 Peak 19:10 19:06 19:05	End times 19:30 19:19	SMM Pointing: Importance=B9 CaPeak.c/s=27 Peak3..c/s=127	S16W05 Qual=01 Qual= 1	FePeak=19:16	Pitch=+314", Yaw=-81", Roll=0deg FePeak.c/s=19 Rast=0"x0" Cad= 768s	H. Ang=20deg XEN=518806 768.0s/pixel
Event # = 21130 85/07/07, 19:37 Start GOES 19:31 BCS 19:32 FCS 19:34	DOY=188 Peak 19:37 19:36 19:34	End times 20:01 19:40	SMM Pointing: Importance=C1 CaPeak.c/s=33 Peak3..c/s=133	S16W05 Qual=03 Qual= 1	FePeak=19:36	Pitch=+314", Yaw=-81", Roll=0deg FePeak.c/s=9 Rast=0"x0" Cad= 768s	H. Ang=20deg XEN=518811 768.0s/pixel

Event # = 8486									
85/07/07, 20:27	DOY=188	SMM Pointing:	S16W06	Pitch=+316", Yaw=-95", Roll=0deg	H. Ang=20deg				
Start	Peak	End times							
GOES 20:24	20:27	20:47	Qual=01						
HXRBS 20:26:14	20:27:16	20:27:48	Importance=C3						
BCS 20:18	20:28	20:32	Peak...c/s=488						
FCS	20:31		CaPeak.c/s=153						
Radio Sweeps	Type/Intensity:	V/1	Peak3...c/s=693						
Event # = 21131									
85/07/07, 20:57	DOY=188	SMM Pointing:	S16W06	Pitch=+316", Yaw=-95", Roll=0deg	H. Ang=20deg				
Start	Peak	End times							
GOES 20:53	20:57	21:08	Importance=C1						
BCS 20:58	20:58	20:59	CaPeak.c/s=24						
Event # = 7905									
85/07/07, 22:28	DOY=188	SMM Pointing:	S13E67	Pitch=+239", Yaw=+848", Roll=0deg	H. Ang=69deg				
Start	Peak	End times							
GOES 22:23	22:28	22:46	Importance=C1						
HXRBS 22:24:46	22:26:07	22:27:59	Peak...c/s=95						
Event # = 21132									
85/07/08, 02:36	DOY=189	SMM Pointing:	S16W09	Pitch=+318", Yaw=-147", Roll=0deg	H. Ang=22deg				
Start	Peak	End times							
GOES 02:35	02:36	02:38	Qual=06						
BCS 02:35	02:35	02:35	CaPeak.c/s=28						
FCS			Peak3...c/s=35						
Event # = 21133									
85/07/08, 04:08	DOY=189	SMM Pointing:	S16W10	Pitch=+316", Yaw=-157", Roll=0deg	H. Ang=22deg				
Start	Peak	End times							
GOES 03:57	04:08	04:40	Importance=C1						
BCS 04:11	04:11	04:15	CaPeak.c/s=30						
FCS	04:12		Peak3...c/s=14						
Event # = 21134									
85/07/08, 06:05	DOY=189	SMM Pointing:	S16W11	Pitch=+315", Yaw=-177", Roll=0deg	H. Ang=22deg				
Start	Peak	End times							
Optical									
GOES 05:44	06:05	06:40	Ha...Class=SF						
BCS 06:01	06:05	06:07	Importance=B8						
FCS	06:06		CaPeak.c/s=25						
			Peak3...c/s=302						
Event # = 21135									
85/07/08, 09:58	DOY=189	SMM Pointing:	S16W13	Pitch=+315", Yaw=-203", Roll=0deg	H. Ang=23deg				
Start	Peak	End times							
Optical									
GOES 09:41	09:58	10:25	Ha...Class=SN						
BCS 09:44	09:47	09:49	Importance=C5						
FCS	09:48		CaPeak.c/s=44						
			Peak3...c/s=302						

Event # = 7912	DOY=189	SMM Pointing:	S16W15	Pitch=-230", Yaw=-315", Roll=90deg	H. Ang=24deg
85/07/08, 12:15	Start	End times			
GOES 12:10	Peak 12:15	Importance=87	Qual=01		
GOES 12:10	Peak 12:15	Peak...c/s=68	Qual=01		
HXRBS 12:14:59	Peak 12:15	CaPeak.c/s=27	Qual= 1	MaxkeV=50	XEN=518906
BBCS 12:15	Peak 12:16	Peak3..c/s=136		Rast=0"x0" Cad= 768s	768.0s/pixel
FCS 12:16					
Event # = 21136	DOY=189	SMM Pointing:	S16W15	Pitch=-230", Yaw=-315", Roll=90deg	H. Ang=24deg
85/07/08, 13:08	Start	End times			
GOES 12:54	Peak 13:08	Importance=87	Qual=02		
GOES 12:55	Peak 12:55	CaPeak.c/s=20	Qual= 3	FePeak.c/s=5	XEN=518907
BBCS 12:55					
Event # = 21137	DOY=189	SMM Pointing:	S16W15	Pitch=+314", Yaw=-242", Roll=0deg	H. Ang=25deg
85/07/08, 13:51	Start	End times			
GOES 13:40	Peak 13:51	Importance=89	Qual=01		
GOES 13:49	Peak 13:50	CaPeak.c/s=25	Qual= 1	FePeak.c/s=11	XEN=518908
BBCS 13:49					
Event # = 21138	DOY=189	SMM Pointing:	S16W16	Pitch=+314", Yaw=-255", Roll=0deg	H. Ang=25deg
85/07/08, 15:16	Start	End times			
GOES 15:05	Peak 15:16	Importance=C1	Qual=04		
GOES 15:05	Peak 15:16	CaPeak.c/s=24	Qual= 1	FePeak.c/s=8	XEN=518910
BBCS 15:15	Peak 15:15	Peak3..c/s=156		Rast=180"x180" Step=10"	1.024s/pixel
FCS 15:15					
Event # = 21139	DOY=189	SMM Pointing:	S16W16	Pitch=+314", Yaw=-255", Roll=0deg	H. Ang=25deg
85/07/08, 15:45	Start	End times			
GOES 15:30	Peak 15:45	Importance=C1	Qual=01		
GOES 15:30	Peak 15:46	CaPeak.c/s=21	Qual= 1	FePeak.c/s=8	XEN=518911
BBCS 15:45	Peak 15:46	Peak3..c/s=185		Rast=0"x0" Cad= 129s	129.0s/pixel
FCS 15:46					
Event # = 7914	DOY=189	SMM Pointing:	S16W16	Pitch=+314", Yaw=-255", Roll=0deg	H. Ang=25deg
85/07/08, 16:04	Start	End times			
GOES 15:50	Peak 16:04	Importance=C3	Qual=03		
GOES 15:50	Peak 16:05	Peak...c/s=192	Qual=01	MaxkeV=50	
HXRBS 16:05:07	Peak 16:05	CaPeak.c/s=161	Qual= 1	FePeak.c/s=42	XEN=518913
BBCS 15:58	Peak 16:01	Peak3..c/s=310		Rast=300"x300" Step=10"	1.024s/pixel
FCS 16:01					
Associated Event # = 7913	DOY=189	SMM Pointing:	S16W16	Pitch=+314", Yaw=-255", Roll=0deg	H. Ang=25deg
85/07/08, 15:58:45	Start	End times			
GOES 15:58:26	Peak 15:58:53	Peak...c/s=128	Qual=01	MaxkeV=71	
HXRBS 15:58:26					
Event # = 21140	DOY=189	SMM Pointing:	S16W17	Pitch=+315", Yaw=-269", Roll=0deg	H. Ang=26deg
85/07/08, 17:36	Start	End times			
GOES 17:20	Peak 17:36	Importance=B8	Qual=03		
GOES 17:20	Peak 17:37	CaPeak.c/s=24	Qual= 1	FePeak.c/s=6	XEN=518914
BBCS 17:37	Peak 17:39	Peak3..c/s=24		Rast=300"x300" Step=10"	1.024s/pixel
FCS 17:37					

Event # = 21141	DOY=189	SMM Pointing:	S16W17	Pitch=+315", Yaw=-269", Roll=0deg	H. Ang=26deg
85/07/08, 18:16	Start	End times			
G0ES 18:10	Peak	18:31	Qual=05		
BCS 18:19	18:16	18:20	Qual=1	FePeak=18:19	XEN=518915
FCS 18:19	18:19		Peak3..c/s=18	Rast=0"x0"	3840s/pixel
				Cad=3840s	
Event # = 21142	DOY=189	SMM Pointing:	S16W18	Pitch=+315", Yaw=-279", Roll=0deg	H. Ang=26deg
85/07/08, 18:34	Start	End times			
G0ES 18:31	Peak	18:40	Qual=01		
BCS 18:36	18:34	18:37	Qual=1	FePeak=18:36	XEN=518917
FCS 18:36	18:36		Peak3..c/s=158	Rast=0"x0"	768.0s/pixel
				Cad=768s	
Event # = 21143	DOY=189	SMM Pointing:	S16W20	Pitch=+313", Yaw=-310", Roll=0deg	H. Ang=28deg
85/07/08, 21:57	Start	End times			
G0ES 21:53	Peak	22:05	Qual=01		
BCS 21:56	21:57	21:57	Qual=1	FePeak=21:56	XEN=518918
FCS 21:56	21:56		Peak3..c/s=72	Rast=0"x0"	768.0s/pixel
UVSP	21:56			Pitch=+317", Yaw=-305"	
Event # = 7915	DOY=189	SMM Pointing:	S16W21	Pitch=-247", Yaw=+974", Roll=0deg	
85/07/08, 23:22	Start	End times			
Optical	Peak		Qual=01	Mac.=DKC	H. Ang=29deg
G0ES 23:19	23:22	23:40	Qual=01	Carr. Lon.=358deg	
G0ES 23:21	23:22	23:40	Qual=01	MaxKeV=50	
HXRBS 23:21:43	23:21:59	23:22:19	Qual=01		
Radio	Frequency (MHz)/Flux(sfu):	245/22	Tot Cts=592		
Event # = 21144	DOY=190	SMM Pointing:	S16W21	Pitch=+314", Yaw=-333", Roll=0deg	H. Ang=29deg
85/07/09, 01:17	Start	End times			
G0ES 01:15	Peak	01:23	Qual=01		
BCS 01:17	01:17	01:17	Qual=1	FePeak=01:17	XEN=519000
FCS 01:17	01:17		Peak3..c/s=306	Rast=0"x0"	129.0s/pixel
				Cad=129s	
Event # = 21145	DOY=190	SMM Pointing:	S16W21	Pitch=+314", Yaw=-333", Roll=0deg	H. Ang=29deg
85/07/09, 02:04	Start	End times			
Optical	Peak		Qual=01	Mac.=DKI	H. Ang=29deg
G0ES 01:26	02:04	02:27	Qual=05	Carr. Lon.=357deg	H. Ang=41deg
BCS 02:10	02:10	03:07	Qual=1	Carr. Lon.=15deg	
FCS 02:15	02:15		Qual=1	FePeak=02:10	XEN=519002
Radio	Type/Intensity:	11/3 11/3 1V/3	FePeak=02:10	Rast=180"x180"	1.024s/pixel
Sweeps	Frequency (MHz)/Flux(sfu):	1415/340 2695/360	4995/270 8800/250 15400/110		
Radio	Frequency (MHz)/Flux(sfu):	1415/340 2695/360	4995/270 8800/250 15400/110		
BCS 01:31	01:32	01:33	Qual=1	FePeak=01:32	XEN=519001
FCS 01:31	01:31		Qual=1	Rast=300"x300"	1.024s/pixel

Event # = 22604	DOY=190	Start	End times	Qual=00	Loop balloons on way out	Pitch=+313", Yaw=-359", Roll=0deg	H. Ang=30deg
85/07/09, 02:24	Peak						
GOES							
C/P	02:24	Extrap	St=07/09, 01:54	PA=265deg			
Event # = 21147	DOY=190	Start	End times	SMM Pointing:	S16W23	Pitch=+313", Yaw=-359", Roll=0deg	H. Ang=30deg
85/07/09, 03:49	Peak						
GOES							
BCS	03:45	03:49	04:00	CaPeak.c/s=22	Qual=00	FePeak=03:49	XEN=519013
FCS		03:50		Peak3...c/s=90	Qual= 1	Rast=180"x180" Step=10" Cad= 332s	1.024s/pixel
Event # = 21148	DOY=190	Start	End times	SMM Pointing:	S16W23	Pitch=+313", Yaw=-359", Roll=0deg	H. Ang=30deg
85/07/09, 04:27	Peak						
GOES							
BCS	04:25	04:27	04:40	Importance=C1	Qual=01	FePeak=04:27	XEN=519009
FCS	04:26	04:27	04:30	CaPeak.c/s=26	Qual= 1	Rast=0"x0" Step=0" Cad= 129s	129.0s/pixel
				Peak3...c/s=162			
Event # = 7917	DOY=190	Start	End times	SMM Pointing:	S16W25	Pitch=+312", Yaw=-391", Roll=0deg	H. Ang=32deg
85/07/09, 08:47	Peak						
GOES							
HXRBS	08:45	08:47	08:51	Importance=B7	Qual=01	MaxkeV=50	
	08:45:24	08:45:48	08:46:24	Peak...c/s=83	Qual=01		
Event # = 21149	DOY=190	Start	End times	SMM Pointing:	S16W28	Pitch=+311", Yaw=-421", Roll=0deg	H. Ang=34deg
85/07/09, 11:38	Peak						
GOES							
BCS	11:33	11:38	11:53	Importance=B5	Qual=04	FePeak=11:37	XEN=519010
FCS	11:36	11:37	11:38	CaPeak.c/s=21	Qual= 5	Rast=0"x0" Step=0" Cad=3840s	3840s/pixel
				Peak3...c/s=11			
Event # = 7918	DOY=190	Start	End times	SMM Pointing:	S17W29	Pitch=+328", Yaw=-441", Roll=0deg	H. Ang=36deg
85/07/09, 15:45	Peak						
GOES							
HXRBS	15:42	15:45	15:52	Importance=B5	Qual=02	MaxkeV=50	
UVSP	15:41:51	15:42:08	15:42:27	Peak...c/s=74	Qual=01	Rast=270"x270" Step=3" Pitch=+331", Yaw=-434"	
	15:02			Wavelength=2788A	Code=00	Exp #=30953	
Event # = 7919	DOY=190	Start	End times	SMM Pointing:	S17W30	Pitch=+327", Yaw=-453", Roll=0deg	H. Ang=36deg
85/07/09, 16:52	Peak						
Optical							
GOES	16:42	16:52	16:59	Importance=B5	S18W33	Mac.=DK1 Carr.Lon.=0deg	H. Ang=39deg
HXRBS	16:46:07	16:48:31	16:51:42	Peak...c/s=249	Qual=01	Flags=EG	
UVSP	16:46			Wavelength=2788A	Qual=03	Rast=243"x243" Step=3" Pitch=+331", Yaw=-447"	
					Code=01	Exp #=30954	
Event # = 21150	DOY=190	Start	End times	SMM Pointing:	S17W31	Pitch=+326", Yaw=-468", Roll=0deg	H. Ang=37deg
85/07/09, 18:27	Peak						
GOES							
BCS	18:24	18:27	18:44	Importance=B5	Qual=01	FePeak=18:26	XEN=519012
FCS	18:26	18:26	18:27	CaPeak.c/s=20	Qual= 1	Rast=0"x0" Step=0" Cad= 768s	768.0s/pixel
UVSP	18:22	18:27		Peak3...c/s=106	Code=00	Rast=243"x243" Step=3" Pitch=+331", Yaw=-459"	
				Wavelength=2788A		Exp #=30955	

Event # = 7920				85/07/10		DOY=191					
85/07/10,00:31		DOY=191		SMM Pointing:				Pitch=-233" ,Yaw=+972" ,Roll=0deg			
Start		Peak		End times							
GOES 00:30		00:31		00:33							
HXRBS 00:30:50		00:31:00		00:31:21							
						Qual=01					
						Qual=01					
								MaxkeV=50			
Event # = 21151											
85/07/10,05:50		DOY=191		SMM Pointing:		S17W38		Pitch=+322" ,Yaw=-554" ,Roll=0deg		H.Ang=43deg	
Start		Peak		End times							
GOES 05:40		05:50		05:51							
BCS 05:40		05:50		05:51							
FCS 05:40		05:49		05:57							
						Qual=00					
						Qual= 2					
						FePeak=05:50					
								FePeak.c/s=9		#Peaks=1	
								Rast=0"x0"		dt= 7.7s	
										XEN=519100	
										768.0s/pixel	
Event # = 21152											
85/07/10,06:37		DOY=191		SMM Pointing:		S17W38		Pitch=+322" ,Yaw=-554" ,Roll=0deg		H.Ang=43deg	
Start		Peak		End times							
GOES 06:34		06:37		07:26							
BCS 06:34		06:37		07:26							
FCS 06:55		06:55									
						Qual=00					
						Qual= 1					
						FePeak=06:37					
								FePeak.c/s=8		#Peaks=2	
								Rast=0"x0"		dt= 7.7s	
										XEN=519104	
										768.0s/pixel	
Event # = 21153											
85/07/10,08:10		DOY=191		SMM Pointing:		S17W39		Pitch=+321" ,Yaw=-565" ,Roll=0deg		H.Ang=43deg	
Start		Peak		End times							
GOES 08:09		08:10		08:19							
BCS 08:09		08:10		08:19							
FCS 08:10		08:10									
						Qual=00					
						Qual= 1					
						FePeak=08:10					
								FePeak.c/s=7		#Peaks=1	
								Rast=240"x240"		dt= 7.7s	
										XEN=519105	
										1.024s/pixel	
Event # = 21154											
85/07/10,08:46		DOY=191		SMM Pointing:		S17W39		Pitch=+321" ,Yaw=-565" ,Roll=0deg		H.Ang=43deg	
Start		Peak		End times							
GOES 08:40		08:46		08:58							
BCS 08:40		08:46		08:48							
FCS 08:43		08:47		08:48							
						Qual=01					
						Qual= 1					
						FePeak=08:46					
								FePeak.c/s=4		#Peaks=3	
								Rast=0"x0"		dt= 7.7s	
										XEN=519112	
										768.0s/pixel	
Event # = 7921											
85/07/10,09:00		DOY=191		SMM Pointing:		S17W39		Pitch=+321" ,Yaw=-565" ,Roll=0deg		H.Ang=43deg	
Start		Peak		End times							
Optical 08:59		09:00		09:10							
GOES 08:59		09:00		09:10							
HXRBS 08:59:45		09:00:02		09:00:29							
BCS 09:00		09:00		09:00							
FCS 09:00		09:00		09:00							
Radio Frequency (MHz)/Flux(sfu):		4995/9		8800/11							
						Qual=02					
						Qual=01					
						Qual= 2					
						FePeak=09:00					
								Mac.=DKC		Carr. Lon.=356deg	
								H.Ang=41deg			
								MaxkeV=50			
								FePeak.c/s=11		#Peaks=1	
								Rast=0"x0"		XEN=519114	
										768.0s/pixel	
								Cad= 768s			
Event # = 21155											
85/07/10,09:40		DOY=191		SMM Pointing:		S17W39		Pitch=+322" ,Yaw=-575" ,Roll=0deg		H.Ang=44deg	
Start		Peak		End times							
GOES 09:40		09:40		09:41							
BCS 09:40		09:40		09:41							
						Qual=00					
						Qual= 1					
						FePeak=09:40					
								FePeak.c/s=8		#Peaks=1	
										XEN=519115	

Event # = 7926									
85/07/10, 10:24	DOY=191	SMM Pointing:			S17W39	Pitch=+322", Yaw=-575", Roll=0deg		H.Ang=44deg	
Start	Peak	End times							
GOES 10:20	10:24	10:40	Importance=C2	Qual=03					
GOES 10:20	10:24	10:23:57	Peak...c/s=88	Qual=01	Tot Cts=1639				
HXRBS 10:21:40	10:23	10:29	CaPeak.c/s=73	Qual= 1	FePeak=10:23				
BCS 10:21	10:23		Peak3...c/s=265						
FCS 10:26	10:26								
Event # = 7927									
85/07/10, 16:47	DOY=191	SMM Pointing:			S17W44	Pitch=+319", Yaw=-627", Roll=0deg		H.Ang=48deg	
Start	Peak	End times							
Optical 16:44	16:47	17:06	Ha....Class=SN	S11W45	AR4671				
GOES 16:44	16:47	17:06	Importance=C2	Qual=01					
GOES 16:46:24	16:46:45	16:48:31	Peak...c/s=165	Qual=01					
HXRBS 16:46	16:47	16:50	CaPeak.c/s=102	Qual= 1	Tot Cts=2261				
BCS 16:46	16:47		Peak3...c/s=314		FePeak=16:47				
FCS 15:58	16:47		Wavelength=2788A	Code=00	Exp #=30956				
UVSP 15:58									
Event # = 8488									
85/07/10, 22:32	DOY=191	SMM Pointing:			S17W47	Pitch=+317", Yaw=-664", Roll=0deg		H.Ang=51deg	
Start	Peak	End times							
Optical 22:29	22:32	22:34	Ha....Class=SN	S16W48	AR4671				
GOES 22:29	22:32	22:34	Importance=88	Qual=01					
GOES 22:31:45	22:32:00	22:32:24	Peak...c/s=49	Qual=01	Tot Cts=209				
HXRBS 22:31:45	22:32:00		Wavelength=1375A	Code=00	Exp #=30960				
UVSP 22:14			Associated	Event # = 8487					
			Qual=01	Tot Cts=163					
HXRBS 22:29:56	22:30:03	22:30:22	Peak...c/s=43						
85/07/11 DOY=192									
Event # = 21156									
85/07/11, 13:50	DOY=192	SMM Pointing:			S17W41	Pitch=+321", Yaw=-595", Roll=0deg		H.Ang=46deg	
Start	Peak	End times							
Optical 13:37	13:50	13:58	Ha....Class=SN	S18W59	AR4671				
GOES 13:37	13:50	13:58	Importance=C5	Qual=05					
GOES 13:56	13:56	14:03	CaPeak.c/s=92	Qual= 5	FePeak=13:56				
BCS 13:56	13:56		Peak3...c/s=552						
FCS 13:58	14:02		Wavelength=2788A	Code=02	Exp #=30970				
UVSP 13:58									
85/07/12 DOY=193									
Event # = 7932									
85/07/12, 01:44	DOY=193	SMM Pointing:			S18W63	Pitch=+317", Yaw=-804", Roll=0deg		H.Ang=66deg	
Start	Peak	End times							
Optical 01:39	01:44	02:20	Importance=C1	Qual=03					
GOES 01:39	01:44	02:20	Peak...c/s=81	Qual=01	Tot Cts=622				
GOES 01:41:18	01:41:36	01:42:14	CaPeak.c/s=42	Qual= 1	FePeak=01:42				
HXRBS 01:41	01:43	01:48	Peak3...c/s=138						
BCS 01:41	01:43		Wavelength=1375A	Code=00	Exp #=30977				
FCS 00:59	01:44								
UVSP 00:59									
Event # = 7930									
85/07/12, 07:00	DOY=193	SMM Pointing:			S18W63	Pitch=+317", Yaw=-804", Roll=0deg		H.Ang=66deg	
Start	Peak	End times							
Optical 07:00	07:05	07:10	Importance=C1	Qual=03					
GOES 07:00	07:05	07:10	Peak...c/s=81	Qual=01	Tot Cts=622				
GOES 07:01:18	07:01:36	07:01:48	CaPeak.c/s=42	Qual= 1	FePeak=01:42				
HXRBS 07:01	07:03	07:08	Peak3...c/s=138						
BCS 07:01	07:03		Wavelength=1375A	Code=00	Exp #=30977				
FCS 00:59	07:08								
UVSP 00:59									



Event # = 7933									
85/07/12, 04:41	DOY=193	SMM Pointing:			S18W65	Pitch=+317", Yaw=-814", Roll=0deg			H. Ang=67deg
Start	Peak	End times							
GOES 04:30	04:41	04:53	Importance=B7	Qual=01	Tot Cts=600 FePeak=04:39	MaxkeV=50	#Peaks=1	XEN=519301	Cad= 129s Pitch=+321", Yaw=-809"
HXRBS 04:33:33	04:33:54	04:34:24	Peak...c/s=77	Qual=01		FePeak.c/s=8	Step=0"	129.0s/pixel	
BGS 04:39	04:40	04:43	CaPeak.c/s=25	Qual= 1		Rast=0"x0"	Step=5"		
FCS 04:43	04:43		Peak3...c/s=154			Rast=265"x265"			
UVSP 04:07			Wavelength=1375A	Code=00	Exp #=30979				
Radio	Frequency(MHz)/Flux(sfu):	8800/31 15400/9							
Event # = 7934									
85/07/12, 05:37	DOY=193	SMM Pointing:			S18W65	Pitch=+317", Yaw=-814", Roll=0deg			H. Ang=67deg
Start	Peak	End times							
Optical			Ha...Class=SN	S14W66	AR4671	Mac.=DKC	Carr. Lon.=360deg	H. Ang=68deg	
GOES 04:59	05:37	06:12	Importance=C6	Qual=05	Tot Cts=1476 FePeak=05:02	MaxkeV=50	#Peaks=1	XEN=519302	Cad= 922s Pitch=+302", Yaw=-809"
HXRBS 05:01:29	05:02:14	05:02:49	Peak...c/s=111	Qual=01		FePeak.c/s=14	Step=10"	1.024s/pixel	
BGS 05:01	05:02	05:02	CaPeak.c/s=32	Qual= 2		Rast=300"x300"			
FCS 05:02	05:02		Peak3...c/s=86						
Radio Sweeps	Type/Intensity:	111/1							
Radio	Frequency(MHz)/Flux(sfu):	1415/14 2695/11 4995/14 8800/21							
Event # = 21157									
85/07/12, 06:17	DOY=193	SMM Pointing:			S18W65	Pitch=+317", Yaw=-814", Roll=0deg			H. Ang=67deg
Start	Peak	End times							
Optical			Ha...Class=SN	S14W66	AR4671	Mac.=DKC	Carr. Lon.=359deg	H. Ang=68deg	
GOES 06:13	06:17	06:35	Importance=C4	Qual=01	FePeak=06:17 Exp #=30981	FePeak.c/s=35	#Peaks=1	XEN=519303	Pitch=+319", Yaw=-820"
BGS 06:11	06:16	06:17	CaPeak.c/s=185	Qual= 3		Rast=265"x265"	Step=5"		
UVSP 07:16			Wavelength=1375A						
Event # = 7940									
85/07/12, 21:53	DOY=193	SMM Pointing:			S18W84	Pitch=+292", Yaw=-897", Roll=0deg			H. Ang=86deg
Start	Peak	End times							
GOES 21:50	21:53	22:00	Importance=B3	Qual=01	Tot Cts=1004 Exp #=30993	MaxkeV=50	Step=3"	Pitch=+295", Yaw=-889"	
HXRBS 21:51:44	21:52:01	21:52:25	Peak...c/s=145	Qual=01		Rast=243"x243"			
UVSP 21:26			Wavelength=2788A	Code=00					
85/07/13 DOY=194									
Event # = 8489									
85/07/13, 05:15	DOY=194	SMM Pointing:			S18W85	Pitch=+291", Yaw=-898", Roll=0deg			H. Ang=87deg
Start	Peak	End times							
Optical			Ha...Class=SF	S15W78	AR4671	Mac.=CK0	Carr. Lon.=359deg	H. Ang=80deg	
GOES 05:15:37	05:15:42	05:16:07	Peak...c/s=84	Qual=06	Tot Cts=343 Exp #=31001	MaxkeV=71	Flags=I		Pitch=+297", Yaw=-891"
HXRBS 05:15:37	05:15:42	05:16:07	Wavelength=1375A	Qual=01		Rast=280"x280"	Step=10"		
UVSP 05:17									
Event # = 8490									
85/07/13, 05:50	DOY=194	SMM Pointing:			S18W85	Pitch=+291", Yaw=-898", Roll=0deg			H. Ang=87deg
Start	Peak	End times							
Optical			Ha...Class=SN	S14W79	AR4671	Mac.=CK0	Carr. Lon.=359deg	H. Ang=80deg	
GOES 05:50:27	05:50:43	05:50:54	Peak...c/s=163	Qual=06	Tot Cts=683 Exp #=31004	MaxkeV=71	Flags=I		Pitch=+302", Yaw=-886"
HXRBS 05:50:27	05:50:43	05:50:54	Wavelength=1375A	Qual=01		Rast=30"x30"	Step=0"		
UVSP 05:37									

Event # = 8491									
85/07/13, 06:04		DOY=194	SMM Pointing:			S18W85	Pitch=+291" , Yaw=-898" , Roll=0deg		H. Ang=87deg
Start		Peak	End times						
GOES 05:59		06:04	06:11						
HXRBS 06:01:27		06:01:45	06:02:55						
UVSP 05:56									
Radio		Frequency(MHz)/Flux(sfu):							
Event # = 8492									
85/07/13, 07:02		DOY=194	SMM Pointing:			S18W85	Pitch=+291" , Yaw=-898" , Roll=0deg		H. Ang=87deg
Start		Peak	End times						
Optical									
GOES 06:53		07:02	07:23						
HXRBS 06:56:19		06:57:31	06:59:13						
BCS 06:56		06:59	07:37						
FCS 07:11									
UVSP 06:53									
Radio		Frequency(MHz)/Flux(sfu):							
Event # = 8493									
85/07/13, 08:49		DOY=194	SMM Pointing:			AR4671	Carr. Lon.=357deg		H. Ang=80deg
Start		Peak	End times						
Optical									
GOES 08:46		08:49	08:51						
HXRBS 08:48:51		08:49:13	08:49:38						
BCS 08:49		08:49	08:50						
FCS 08:45		08:49							
UVSP 08:45									
Event # = 8494									
85/07/13, 11:37		DOY=194	SMM Pointing:			AR4671	Flags=1		XEN=519406
Start		Peak	End times						129s 129.0s/pixel
GOES 11:30		11:37	11:42						
HXRBS 11:32:15		11:32:33	11:32:41						
UVSP 11:35									
Event # = 8495									
85/07/13, 13:21		DOY=194	SMM Pointing:			AR4671	Pitch=+295" , Yaw=-889"		
Start		Peak	End times						
GOES 13:17		13:21	13:26						
HXRBS 13:16:53		13:20:21	13:20:53						
BCS 13:19		13:21	13:30						
FCS 13:26		13:26							
UVSP 13:08									
Radio		Frequency(MHz)/Flux(sfu):							
Event # = 7941									
85/07/13, 19:51		DOY=194	SMM Pointing:				Pitch=-363" , Yaw=-937" , Roll=0deg		
Start		Peak	End times						
GOES 19:50:34		19:51:12	19:51:51						
HXRBS 19:39									
UVSP 19:39									



Event # = 12743		85/07/29		DOY=210	
85/07/29,01:53		S19E76		Pitch=+327", Yaw=+868", Roll=0deg	
DOY=210		SMM Pointing:		H. Ang=78deg	
Peak		S19E76		MaxkeV=158	
Start		Qual=01		Rast=265"x265"	
HXRBS 01:53:49		Tot Cts=97		Step=5"	
UVSP 01:50		Exp #=31208		Pitch=+332", Yaw=+873"	
Wavelength=1375A					
Event # = 7975		85/07/29		DOY=210	
85/07/29,16:07		S19E68		Pitch=+338", Yaw=+829", Roll=0deg	
DOY=210		SMM Pointing:		H. Ang=71deg	
Peak		S19E68		Mac.=CKO	
Start		S17E60		Carr. Lon.=3deg	
Optical		Qual=01		H. Ang=63deg	
GOES 15:58		Ha...Class=IN		MaxkeV=50	
HXRBS 16:02:52		Importance=C2		FePeak.c/s=10	
BCS 16:03		Peak...c/s=85		#Peaks=1	
FCS		Qual=01		dt= 7.7s	
UVSP 15:59		CaPeak.c/s=86		XEN=521000	
		Peak3...c/s=38		Cad= 590s	
		Wavelength=1375A		Step=10"	
		Code=00		Step=5"	
		Exp #=31224		Pitch=+344", Yaw=+835"	
		Exp			
		85/07/31		DOY=212	
Event # = 7978		N06E28		Pitch=-16", Yaw=+449", Roll=0deg	
85/07/31,03:37		SMM Pointing:		H. Ang=28deg	
DOY=212		N06E28		Mac.=DSI	
Start		N04E21		Carr. Lon.=22deg	
Optical		Qual=03		H. Ang=21deg	
GOES 03:31		Ha...Class=SF		MaxkeV=50	
HXRBS 03:34:58		Importance=B2		Rast=40"x40"	
UVSP 03:21		Peak...c/s=71		Pitch=+5", Yaw=+370"	
		Qual=01			
		Code=00			
		Exp #=31269			
		Type/Intensity:			
		III/1			
		Radio Frequency(MHz)/Flux(sfu):			
		245/120 410/56 606/4			
Event # = 7979		85/08/01		DOY=213	
85/08/01,05:42		N06E14		Pitch=-6", Yaw=+221", Roll=0deg	
DOY=213		SMM Pointing:		H. Ang=13deg	
Start		N06E14		MaxkeV=50	
GOES 05:42:18		Qual=00		Rast=265"x265"	
HXRBS 05:20		Qual=01		Step=5"	
UVSP		Exp #=31305		Pitch=-2", Yaw=+231"	
		Exp			
		Event # = 7980		85/08/01,07:18	
85/08/01,07:18		DOY=213		DOY=213	
DOY=213		SMM Pointing:		Pitch=+237", Yaw=+976", Roll=0deg	
Start		DOY=213		MaxkeV=50	
GOES 07:18:35		Qual=00		Rast=265"x265"	
HXRBS 07:18:54		Qual=01		Step=5"	
UVSP 07:07		Exp #=31307		Pitch=-236", Yaw=+983"	
		Exp			
		Event # = 8511		85/08/06	
85/08/06,18:28		DOY=218		DOY=218	
DOY=218		SMM Pointing:		Pitch=-621", Yaw=-346", Roll=90deg	
Start		S17W43		H. Ang=49deg	
GOES 18:23		Qual=02		MaxkeV=71	
HXRBS 18:26:02		Qual=01		Flags=I	
UVSP		Tot Cts=282			
		Exp			
		Event # = 21161		85/08/06,21:10	
85/08/06,21:10		DOY=218		DOY=218	
DOY=218		SMM Pointing:		Pitch=+344", Yaw=-640", Roll=0deg	
Start		S17W45		H. Ang=50deg	
Optical		S14W47		Mac.=CSO	
GOES 21:03		Qual=01		Carr. Lon.=1deg	
HXRBS 21:09		Qual=1		H. Ang=51deg	
BCS		FePeak=21:09		XEN=521800	
		#Peaks=1			

Event # = 21162		85/08/07	DOY=219		
85/08/07 03:12	DOY=219	S17W48	Pitch=+340", Yaw=-670", Roll=0deg	H. Ang=52deg	
Optical	SMM Pointing:				
GOES 03:05	Ha...Class=SF				
BCS 03:12	Importance=84	AR4682	Mac.=CSO Carr. Lon.=4deg	H. Ang=56deg	
Radio Sweeps	CaPeak.c/s=18		FePeak.c/s=16 #Peaks=1	XEN=521900	
	Type/Intensity: 111/1				
Event # = 7981		85/08/08	DOY=220		
85/08/08 07:48	DOY=220	S19W64	Pitch=+349", Yaw=-803", Roll=0deg	H. Ang=67deg	
Optical	SMM Pointing:				
GOES 07:36	Ha...Class=SN		Mac.=CSO Carr. Lon.=4deg	H. Ang=71deg	
HXRBS 07:42:45	Importance=C5	AR4682	MaxkeV=92		
BCS 07:43	Peak...c/s=319		FePeak.c/s=61 dt= 3.8s XEN=522000		
FCS	CaPeak.c/s=285		Rast=0"x0" Cad= 768s		
Radio Sweeps	Peak3...c/s=52				
Radio	Type/Intensity: 111/2				
	Frequency(MHz)/Flux(sfu): 1415/5 2695/30 4995/30				
Event # = 7982		85/08/08	DOY=220		
85/08/08 15:50	DOY=220		Pitch=+4", Yaw=+1252", Roll=0deg		
GOES 15:42	Peak				
HXRBS 15:47:48	End times				
UVSP 15:33	Importance=81		MaxkeV=50		
	Peak...c/s=81		Rast=180"x1" Step=0" Pitch=+86", Yaw=+1021"		
	WaveLength=1375A				
Event # = 21163		85/08/09	DOY=221		
85/08/09 02:24	DOY=221	S14W85	Pitch=+243", Yaw=-915", Roll=0deg	H. Ang=87deg	
GOES 02:15	Peak				
BCS 02:21	End times				
FCS	Importance=89		FePeak.c/s=18 #Peaks=1 XEN=522100		
	CaPeak.c/s=48		Rast=0"x0" Step=0" Cad= 129s		
	Peak3...c/s=441				
Event # = 7983		85/08/11	DOY=223		
85/08/11 05:08	DOY=223		Pitch=+344", Yaw=+938", Roll=0deg		
GOES	Peak				
HXRBS 05:08:24	End times		MaxkeV=422		
	Peak...c/s=93				
Event # = 12744		85/08/20	DOY=232		
85/08/20 14:52	DOY=232		Pitch=-2", Yaw=+980", Roll=0deg		
GOES	Peak				
HXRBS 14:52:09	End times		MaxkeV=283		
	Peak...c/s=90		Flags=NS,GB		
Event # = 7993		85/08/26	DOY=238		
85/08/26 08:24	DOY=238		Pitch=+478", Yaw=+860", Roll=0deg		
GOES	Peak				
HXRBS 08:24:02	End times		MaxkeV=125		
	Peak...c/s=85				



[illegible]

		85/10/22		DOY=295			
Event # = 21166		85/10/22, 03:20		DOY=295			
Optical	Start			Peak			
Optical	End times					SMM Pointing:	
GOES	03:06			03:20		Ha...Class=SF	
BCS	03:08			03:25		Ha...Class=SF	
FCS	03:33			03:33		Importance=C2	
UVSP	03:14					CaPeak.c/s=48	
Radio	Sweeps					Peak3..c/s=361	
Radio	Frequency(MHz)/Flux(sfu)					Wavelength=1375A	
						I/I	
						245/120 410/59 606/42	
Event # = 21167		85/10/22, 04:41		DOY=295			
GOES	Start			Peak			
BCS	04:39			04:41		SMM Pointing:	
FCS	04:50			04:50		Qual=00	
UVSP	04:41					Qual= 5	
						CaPeak.c/s=58	
						Peak3..c/s=349	
						Wavelength=1375A	
Event # = 21168		85/10/22, 05:32		DOY=295			
GOES	Start			Peak			
BCS	05:27			05:32		SMM Pointing:	
FCS	05:28			05:32		Qual=03	
UVSP	05:28					Qual= 3	
						Importance=C1	
						CaPeak.c/s=39	
						Peak3..c/s=193	
						Wavelength=1375A	
Event # = 21169		85/10/22, 08:00		DOY=295			
Optical	Start			Peak			
GOES	07:47			08:00		SMM Pointing:	
BCS	07:55			07:58		Ha...Class=SN	
FCS	08:04			08:04		Importance=C1	
UVSP	07:57					CaPeak.c/s=50	
						Peak3..c/s=203	
						Wavelength=1375A	
Event # = 21170		85/10/22, 08:30		DOY=295			
GOES	Start			Peak			
BCS	08:20			08:30		SMM Pointing:	
FCS	08:24			08:29		Qual=01	
UVSP	08:18			08:40		Qual= 1	
						Importance=C1	
						CaPeak.c/s=47	
						Peak3..c/s=334	
						Wavelength=1375A	
Event # = 21171		85/10/22, 12:45		DOY=295			
GOES	Start			Peak			
BCS	12:40			12:45		SMM Pointing:	
FCS	12:43			12:45		Qual=01	
UVSP	12:40					Qual= 1	
						Importance=B9	
						CaPeak.c/s=40	
						Peak3..c/s=48	
						Wavelength=1375A	



Event # = 21173	85/10/23	DOY=296	SMM Pointing:	End times	DOY=296	Peak	Start	85/10/23	DOY=296	Pitch=+10", Yaw=-131", Roll=0deg	H. Ang=8deg
Optical	GOES	14:26	Importance=C7	15:16	15:05			N05W08	N05W10	Mac.=EAI	H. Ang=10deg
BCS	15:15	15:15	CaPeak.c/s=51	15:24	15:15			AR4699	Qual=01	Carr. Lon.=18deg	H. Ang=10deg
FCS	15:18	15:18	Peak3..c/s=77					FePeak=15:15	Qual= 5	#Peaks=1	XEN=529601
UVSP	15:17	15:17	Wavelength=1375A					Exp #=32597		Cad= 590s	XEN=529601
Radio	Frequency (MHz)/Flux(sfu):	245/14000								Pitch=+14", Yaw=-133"	Pitch=-133"
BCS	14:36	14:37	CaPeak.c/s=21	14:38	14:37			Event # = 21172			
FCS	14:36	14:36	Peak3..c/s=30					Qual= 2		dt= 7.7s	XEN=529600
UVSP	14:35	14:35	Wavelength=2788A					FePeak=14:37		Cad= 590s	XEN=529600
BCS	22:02	22:02	Importance=86	22:22	22:02			Exp #=32596		Pitch=0"	Pitch=-123"
FCS	22:11:20	22:11:20	Peak...c/s=89								
UVSP	21:58	21:58	Wavelength=1375A								
Radio	Frequency (MHz)/Flux(sfu):	1415/18									
Event # = 8012	85/10/23	DOY=296	SMM Pointing:	End times	DOY=296	Peak	Start	85/10/23	DOY=296	Pitch=+34", Yaw=-201", Roll=0deg	H. Ang=12deg
Optical	GOES	21:50	Importance=86	22:22	22:02			N03W12	N07W27	Mac.=CH0	H. Ang=27deg
BCS	22:09:52	22:10:22	CaPeak.c/s=51	22:24	22:09			AR4698	Qual=01	Carr. Lon.=31deg	H. Ang=27deg
FCS	22:11:20	22:11:20	Peak...c/s=89					AR4699	Qual=01	Carr. Lon.=15deg	H. Ang=11deg
UVSP	21:58	21:58	Wavelength=1375A								
Radio	Frequency (MHz)/Flux(sfu):	1415/18									
Event # = 21174	85/10/24	DOY=297	SMM Pointing:	End times	DOY=297	Peak	Start	85/10/24	DOY=297	Pitch=+32", Yaw=-287", Roll=0deg	H. Ang=17deg
Optical	GOES	08:23	Importance=C2	08:44	08:31			N03W17	N08W28	Mac.=ESI	H. Ang=28deg
BCS	08:32	08:34	CaPeak.c/s=43	08:42	08:34			AR4699	Qual=05	Carr. Lon.=26deg	H. Ang=28deg
FCS	08:33	08:33	Peak3..c/s=59					FePeak=08:34	Qual= 1	#Peaks=1	XEN=529700
UVSP	08:35	08:35	Wavelength=1375A					Exp #=32641		Cad=3840s	XEN=529700
Radio	Frequency (MHz)/Flux(sfu):	1415/18								Pitch=+36", Yaw=-292"	Pitch=-292"
Event # = 21175	85/10/24	DOY=297	SMM Pointing:	End times	DOY=297	Peak	Start	85/10/24	DOY=297	Pitch=+32", Yaw=-299", Roll=0deg	H. Ang=18deg
Optical	GOES	08:46	Importance=C2	09:50	09:00			N03W18	N08W28	Mac.=ESI	H. Ang=28deg
BCS	08:51	09:00	CaPeak.c/s=44	09:22	09:00			AR4699	Qual=01	Carr. Lon.=26deg	H. Ang=28deg
FCS	09:14	09:14	Peak3..c/s=122					FePeak=09:00	Qual= 1	#Peaks=1	XEN=529702
UVSP	08:58	08:58	Wavelength=1375A					Exp #=32643		Cad= 922s	XEN=529702
Radio	Frequency (MHz)/Flux(sfu):	1415/18								Pitch=+35", Yaw=-296"	Pitch=-296"
Event # = 8539	85/10/24	DOY=297	SMM Pointing:	End times	DOY=297	Peak	Start	85/10/24	DOY=297	Pitch=+30", Yaw=-329", Roll=0deg	H. Ang=20deg
Optical	GOES	11:48	Importance=C7	11:58	11:54			N03W20	N08W28	Mac.=ESI	H. Ang=20deg
BCS	11:50:02	11:53:06	CaPeak.c/s=92	12:24	11:53			AR4699	Qual=01	Carr. Lon.=26deg	H. Ang=20deg
FCS	11:										

Event # = 12749 85/10/24, 14:56 Start HXRBs 14:56:15 UVSP 14:10	DOY=297 Peak 14:56:20	End times 14:56:24	SMM Pointing: Peak...c/s=69 Wavelength=2788A	N03W30 Qual=01	Tot Cts=150 Exp #=32656	Pitch=+23", Yaw=-477", Roll=0deg MaxkeV=307 Rast=180"x1" Flags=NS,GB Step=0" Pitch=+34", Yaw=-338"	H. Ang=30deg
Event # = 21176 85/10/25, 04:05 Start Optical GOES 04:01 BCS 04:04 FCS 04:05 UVSP 03:27	DOY=298 Peak 04:05	End times 04:13 04:06	SMM Pointing: Ha...Class=SN Importance=B6 CaPeak.c/s=29 Peak3..c/s=47 Wavelength=1375A	N03W33 Qual=01 FePeak=04:05 Code=00	AR4699 FePeak=04:05 Exp #=32686	Pitch=+21", Yaw=-519", Roll=0deg Mac.=ESO Carr. Lon.=18deg FePeak.c/s=13 dt= 7.7s Rast=0"x0" Cad= 129s Rast=265"x265" Step=5" Pitch=+25", Yaw=-510"	H. Ang=32deg H. Ang=31deg XEN=529800 129.0s/pixel
Event # = 21177 85/10/25, 15:48 Start Optical GOES 15:41 BCS 15:59 FCS 16:08 UVSP 16:03	DOY=298 Peak 15:48 16:00 16:08	End times 16:18 16:13	SMM Pointing: Ha...Class=SN Importance=C1 CaPeak.c/s=43 Peak3..c/s=202 Wavelength=2788A	N03W39 Qual=05 Qual= 5	AR4699 FePeak=16:00 Exp #=32712	Pitch=+15", Yaw=-603", Roll=0deg Mac.=ESO Carr. Lon.=19deg FePeak.c/s=10 dt= 7.7s Rast=240"x240" Step=10" Cad= 590s Rast=243"x243" Step=3" Pitch=-611", Yaw=-5"	H. Ang=39deg H. Ang=38deg XEN=529801 1.024s/pixel
Event # = 21178 85/10/26, 03:00 Start GOES 02:52 BCS 03:00 FCS 03:01 UVSP 03:02	DOY=299 Peak 03:00 03:00 03:01	End times 03:34 03:02	SMM Pointing: Importance=B8 CaPeak.c/s=25 Peak3..c/s=48 Wavelength=1375A	N03W45 Qual=05 Qual= 1	FePeak=03:00 Exp #=32735	Pitch=+9", Yaw=-680", Roll=0deg FePeak.c/s=7 #Peaks=1 Rast=0"x0" Step=0" Cad=3840s Rast=265"x265" Step=5" Pitch=+12", Yaw=-681"	H. Ang=45deg XEN=529900 3840s/pixel
Event # = 21179 85/10/26, 04:25 Start Optical GOES 03:52 BCS 04:34 FCS 04:34 UVSP 04:37 Radio Frequency(MHz)/Flux(sfu):	DOY=299 Peak 04:25 04:34 04:34	End times 04:41 05:12	SMM Pointing: Ha...Class=1B Importance=M2 CaPeak.c/s=497 Peak3..c/s=25 Wavelength=1375A 245/12	N03W46 Qual=05 Qual= 5	AR4698 FePeak=04:34 Exp #=32741	Pitch=+8", Yaw=-690", Roll=0deg Mac.=CKO Carr. Lon.=35deg FePeak.c/s=85 #Peaks=1 Rast=0"x0" Step=0" Cad=3840s Rast=265"x265" Step=5" Pitch=+11", Yaw=-692"	H. Ang=46deg H. Ang=61deg XEN=529902 3840s/pixel
Event # = 8014 85/10/26, 07:17 Start GOES 07:02 HXRBs 07:04:52 UVSP 07:03	DOY=299 Peak 07:17 07:05:17	End times 07:33 07:05:43	SMM Pointing: Importance=C1 Peak...c/s=57 Wavelength=1375A	N03W47 Qual=02 Qual=01 Code=01	Exp #=32752	Pitch=+6", Yaw=-711", Roll=0deg MaxkeV=60 Rast=10"x10" Step=0" Pitch=-64", Yaw=-709"	H. Ang=47deg

Event # = 21180		85/10/28		DOY=301	
85/10/28,16:25	Peak	DOY=301		N03W87	
Optical	Start	SMM Pointing:		Pitch=-51",Yaw=-965",Roll=0deg	
G0ES	16:01	Ha...Class-SF		Mac.=HSX	
BCS	16:19	Importance=C1		Carr.Lon.=30deg	
FCS	16:30	CaPeak.c/s=40		FePeak.c/s=8	
UVSP	16:22	Peak3...c/s=262		#Peaks=1	
		Wavelength=1375A		dt= 7.7s	
		Code=00		Step=10"	
		Exp #=32913		Cad= 332s	
				Pitch=-39",Yaw=-963"	
Event # = 21181		85/10/29		DOY=302	
85/10/29,06:07	Peak	DOY=302			
G0ES	05:42	Importance=C2		FePeak.c/s=8	
BCS	05:48	CaPeak.c/s=27		#Peaks=1	
FCS	05:50	Peak3...c/s=31		dt= 7.7s	
UVSP	06:30	Wavelength=1375A		Step=10"	
		Qual=05		Cad= 922s	
		Qual= 2		Pitch=-11",Yaw=-989"	
		Exp #=32947		XEN=530200	
Event # = 8015		85/11/13		DOY=317	
85/11/13,23:03	Peak	DOY=317			
G0ES	23:02:18	SMM Pointing:		Pitch=+165",Yaw=+785",Roll=0deg	
HXRBS	22:53	Peak...c/s=92		MaxVel=61	
UVSP		Wavelength=1375A		Rast=30"x30"	
		Qual=00		Step=0"	
		Qual=01		Pitch=+165",Yaw=+749"	
		Tot Cts=6245			
		Exp #=33611			
Event # = 21182		85/11/14		DOY=318	
85/11/14,01:40	Peak	DOY=318			
G0ES	01:09	SMM Pointing:		Pitch=+164",Yaw=+770",Roll=0deg	
BCS	01:29	Importance=B6		FePeak.c/s=16	
FCS	01:34	CaPeak.c/s=25		#Peaks=2	
UVSP	01:26	Peak3...c/s=326		dt= 7.7s	
		Wavelength=1375A		Step=0"	
		Code=00		Cad= 129s	
		Exp #=33622		Pitch=+169",Yaw=+772"	
Event # = 8016		85/11/14		DOY=318	
85/11/14,03:05	Peak	DOY=318			
G0ES	02:55	SMM Pointing:		Pitch=-135",Yaw=+960",Roll=0deg	
HXRBS	03:08:06	Importance=B2		MaxVel=61	
UVSP	03:07	Peak...c/s=89		Rast=265"x265"	
		Wavelength=1375A		Step=5"	
		Code=02		Pitch=-131",Yaw=+969"	
Event # = 21183		85/12/10		DOY=344	
85/12/10,08:41	Peak	DOY=344			
G0ES	08:33	SMM Pointing:		Pitch=-112",Yaw=+932",Roll=0deg	
BCS	08:38	Importance=B5		FePeak.c/s=17	
FCS	08:39	CaPeak.c/s=20		#Peaks=1	
UVSP	08:55	Peak3...c/s=27		dt= 7.7s	
		Wavelength=2788A		Step=10"	
		Qual=01		Cad= 590s	
		Qual= 1		Pitch=-108",Yaw=+941"	
		FePeak=08:39		XEN=534400	
		Exp #=34401		1.024s/pixel	

Event # = 21184														
85/12/10, 11:09	DOY=344	SMM Pointing:			N06E72	Pitch=-112", Yaw=+922", Roll=0deg			H. Ang=72deg					
GOES	Start	End times	Importance=86	Qual=04	FePeak=11:09	#Peaks=1	dt= 7.7s	XEN=534402	XEN=534402					
BCS	10:53	11:25	CaPeak.c/s=20	Qual= 5										
FCS	11:08	11:10	Peak3...c/s=24	Qual= 5										
UVSP	11:05	11:09	Wavelength=2788A	Code=00										
Exp #=34404														
85/12/15 DOY=349														
85/12/15, 06:11	DOY=349	SMM Pointing:			N02E06	Pitch=-50", Yaw=+106", Roll=0deg			H. Ang=7deg					
Optical	Start	End times	Ha...Class=SN	N03E08	AR4708	Carr. Lon.=26deg	H. Ang=9deg	XEN=534900	XEN=534900					
GOES	06:01	06:15	Importance=C1	Qual=01										
HXRBS	06:05:24	06:07:52	Peak...c/s=98	Qual=01										
BCS	06:06	06:14	CaPeak.c/s=56	Qual= 1										
FCS	06:10	06:10	Peak3...c/s=243	FePeak=06:09	#Peaks=2	Step=10"	Cad= 590s	1.024s/pixel	1.024s/pixel					
UVSP	05:50	06:10	Wavelength=2788A	Code=01										
Exp #=34553														
85/12/15 DOY=349														
85/12/15, 18:39	DOY=349	SMM Pointing:			N03W04	Pitch=-64", Yaw=-61", Roll=0deg			H. Ang=5deg					
Optical	Start	End times	Importance=C1	Qual=01	AR4709	Carr. Lon.=3deg	H. Ang=23deg	XEN=534901	XEN=534901					
GOES	18:33	19:01	CaPeak.c/s=30	Qual= 1										
BCS	18:37	18:40	Peak3...c/s=16	FePeak=18:38						#Peaks=1	Step=5"	Cad= 542s	1.024s/pixel	1.024s/pixel
FCS	18:39	18:39	Wavelength=2788A	Code=00										
Exp #=34568														
85/12/17 DOY=351														
85/12/17, 22:17	DOY=349	SMM Pointing:			S09E22	Pitch=+346", Yaw=-965", Roll=0deg			H. Ang=8deg					
Optical	Start	End times	Ha...Class=S8	S09E02	AR4709	Carr. Lon.=6deg	H. Ang=6deg	XEN=535100	XEN=535100					
GOES	22:14	22:19	Importance=C2	Qual=01										
HXRBS	22:15:26	22:17:05	Peak...c/s=145	Qual=01										
UVSP	23:13	22:17:05	Wavelength=1375A	Tot Cts=1998										
Radio	Frequency(MHz)/Flux(sfu):		245/550 410/310 606/89 1415/51	Exp #=34570	Step=5"	Pitch=+6"	Yaw=+1025"							
85/12/17 DOY=351														
85/12/17, 04:00	DOY=351	SMM Pointing:			S09E02	Pitch=+133", Yaw=+33", Roll=0deg			H. Ang=8deg					
Optical	Start	End times	Ha...Class=SF	S06E03	AR4709	Carr. Lon.=6deg	H. Ang=6deg	XEN=535100	XEN=535100					
GOES	03:54	04:00	Importance=B6	Qual=03										
BCS	03:58	03:59	CaPeak.c/s=22	Qual= 1										
FCS	04:00	04:02	Peak3...c/s=32	FePeak=03:59										
UVSP	03:50	04:00	Wavelength=1375A	Code=00	Exp #=34627	Step=0"	Cad= 590s	1.024s/pixel	1.024s/pixel					
85/12/30 DOY=364														
85/12/30, 03:17	DOY=364	SMM Pointing:				Pitch=-370", Yaw=+965", Roll=0deg			H. Ang=9deg					
Optical	Start	End times	Peak...c/s=80	Qual=00	AR4709	Carr. Lon.=6deg	H. Ang=6deg	XEN=535100	XEN=535100					
GOES	03:17:47	03:17:55	Wavelength=1375A	Qual=01										
HXRBS	03:17:47	03:18:37	Peak...c/s=80	Qual=01										
UVSP	03:16	03:16	Wavelength=1375A	Exp #=35081										
Exp #=35081														
85/12/30 DOY=364														
85/12/30, 03:17	DOY=364	SMM Pointing:				Pitch=-370", Yaw=+965", Roll=0deg			H. Ang=9deg					
Optical	Start	End times	Peak...c/s=80	Qual=00	AR4709	Carr. Lon.=6deg	H. Ang=6deg	XEN=535100	XEN=535100					
GOES	03:17:47	03:17:55	Wavelength=1375A	Qual=01										
HXRBS	03:17:47	03:18:37	Peak...c/s=80	Qual=01										
UVSP	03:16	03:16	Wavelength=1375A	Exp #=35081										
Exp #=35081														
85/12/30 DOY=364														
85/12/30, 03:17	DOY=364	SMM Pointing:				Pitch=-370", Yaw=+965", Roll=0deg			H. Ang=9deg					
Optical	Start	End times	Peak...c/s=80	Qual=00	AR4709	Carr. Lon.=6deg	H. Ang=6deg	XEN=535100	XEN=535100					
GOES	03:17:47	03:17:55	Wavelength=1375A	Qual=01										
HXRBS	03:17:47	03:18:37	Peak...c/s=80	Qual=01										
UVSP	03:16	03:16	Wavelength=1375A	Exp #=35081										
Exp #=35081														
85/12/30 DOY=364														
85/12/30, 03:17	DOY=364	SMM Pointing:				Pitch=-370", Yaw=+965", Roll=0deg			H. Ang=9deg					
Optical	Start	End times	Peak...c/s=80	Qual=00	AR4709	Carr. Lon.=6deg	H. Ang=6deg	XEN=535100	XEN=535100					
GOES	03:17:47	03:17:55	Wavelength=1375A	Qual=01										
HXRBS	03:17:47	03:18:37	Peak...c/s=80	Qual=01										
UVSP	03:16	03:16	Wavelength=1375A	Exp #=35081										
Exp #=35081														

Event # = 12750		86/01/05		DOY=5	
86/01/05, 17:34	DOY=5	SMM Pointing:		Pitch=+971", Yaw=+54", Roll=90deg	
Start	Peak	N03E84		H.Ang=84deg	
HXRBS 17:34:43	17:34:51	End times		MaxkeV=315	
UVSP 16:45	17:35:47	Peak...c/s=58		Flags=NS,GB	
		Wavelength=1375A		Rast=265"x265" Pitch=-474", Yaw=+907"	
		Exp #=35227			
Event # = 8132		86/01/15		DOY=15	
86/01/15, 07:11	DOY=15				
Start	Peak				
Optical	End times				
GOES 05:09	07:11	Ha...Class=LN		Mac.=CS0	
HXRBS 07:10:19	07:12:14	Importance=M1		Carr.Lon.=52deg	
Radio Sweeps	07:11:14	Peak...c/s=67		MaxkeV=62	
Radio	Type/Intensity:	II/1 IV/4			
	Frequency(MHz)/Flux(sfu):	245/42 410/58 1415/51 2695/61 4995/53 8800/71			
Event # = 8133					
86/01/15, 12:02	DOY=15				
Start	Peak				
GOES 11:55	12:02	Importance=B4		Qual=01	
HXRBS 11:56:20	11:56:31	Peak...c/s=68		Qual=01	
				MaxkeV=62	
Event # = 8564		86/01/16		DOY=16	
86/01/16, 12:10	DOY=16				
Start	Peak				
GOES 12:00	12:10	Importance=C4		Qual=03	
HXRBS 12:06:53	12:08:07	Peak...c/s=197		Qual=01	
				Tot Cts=8000	
				Flags=I	
Event # = 8565					
86/01/16, 16:16	DOY=16				
Start	Peak				
Optical	End times				
GOES 16:04	16:16	Ha...Class=SF		Mac.=CS0	
HXRBS 16:11:59	16:12:44	Importance=M7		Carr.Lon.=52deg	
	16:20:24	Peak...c/s=3414		Flags=I, SN, EG	
				MaxkeV=224	
				Tot Cts=65700	
Event # = 8134		86/01/20		DOY=20	
86/01/20, 12:09	DOY=20				
Start	Peak				
GOES 12:08:36	12:09:34	End times			
HXRBS 12:08:36	12:11:14	Peak...c/s=145		Qual=00	
Radio	Frequency(MHz)/Flux(sfu):	8800/170 15400/87		Qual=01	
				Tot Cts=4501	
				MaxkeV=141	
				Flags=AX	
Event # = 8136		86/01/29		DOY=29	
86/01/29, 09:22	DOY=29				
Start	Peak				
GOES 09:15	09:22	SMM Pointing:		Pitch=+2", Yaw=-2", Roll=0deg	
HXRBS 09:17:53	09:18:40	End times		H.Ang=0deg	
	10:00	Importance=B4			
	09:19:09	Peak...c/s=79			
				Qual=03	
				Qual=01	
				MaxkeV=62	

86/02/02 DOY=33					
Event # = 21187 86/02/02, 03:16 Start	DOY=33 Peak	SMM Pointing:	S09E51	Pitch=+87", Yaw=+751", Roll=0deg	H.Ang=51deg
Optical		Ha...Class=SF	S09E48	Mac.=DKI Carr.Lon.=62deg	H.Ang=48deg
G0ES 03:10	03:16	Importance=B5	Qual=01		XEN=603300
BSCS 03:15	03:16	Capeak.c/s=22	Qual= 2	#Peaks=1 dt= 7.7s	129.0s/pixel
FCS 03:17	03:17	Peak3..c/s=53		Rast=0"x0" Step=0"	Pitch=+51", Yaw=+702"
UVSP 03:09		Wavelength=1375A Code=00 Exp #=35588			
Event # = 8137 86/02/02, 11:22 Start	DOY=33 Peak	SMM Pointing:	S09E47	Pitch=+81", Yaw=+700", Roll=0deg	H.Ang=46deg
G0ES 11:18	11:22	Importance=C2	Qual=01		
HXRBS 11:19:56	11:20:04	Peak...c/s=240	Qual=01	MaxkeV=62	XEN=603301
BSCS 11:20	11:21	Capeak.c/s=24	Qual= 2	FePeak.c/s=11 dt= 7.7s	1.024s/pixel
FCS 11:20	11:20	Peak3..c/s=103		Rast=240"x240" Cad= 590s	Pitch=+87", Yaw=+635"
UVSP 11:35		Wavelength=2788A Associated Event # = 8138		Rast=180"x1" Step=0"	
HXRBS 11:20:59	11:21:54	Peak...c/s=130 Qual=01 Tot Cts=2299		MaxkeV=62	
Event # = 8139 86/02/02, 13:07 Start	DOY=33 Peak	SMM Pointing:	S09E46	Pitch=+80", Yaw=+690", Roll=0deg	H.Ang=45deg
G0ES 13:07:08	13:07:56	Importance=C2	Qual=00		
HXRBS 13:09	13:08:19	Peak...c/s=68	Qual=01	MaxkeV=62	XEN=603301
UVSP 13:09		Wavelength=2788A Exp # = 35619		Rast=180"x1" Step=0"	Pitch=+86", Yaw=+624"
Event # = 8140 86/02/02, 13:09 Start	DOY=33 Peak	SMM Pointing:	S09E46	Pitch=+80", Yaw=+690", Roll=0deg	H.Ang=45deg
G0ES 13:08:49	13:09:53	Importance=B3	Qual=00		
HXRBS 13:09	13:10:28	Peak...c/s=70	Qual=01	MaxkeV=62	XEN=603301
UVSP 13:09		Wavelength=2788A Exp # = 35619		Rast=180"x1" Step=0"	Pitch=+86", Yaw=+624"
Event # = 8141 86/02/02, 16:15 Start	DOY=33 Peak	SMM Pointing:	S09E44	Pitch=+77", Yaw=+670", Roll=0deg	H.Ang=44deg
G0ES 16:07	16:15	Importance=B3	Qual=04		
HXRBS 16:12:54	16:13:30	Peak...c/s=78	Qual=01	MaxkeV=62	XEN=603301
UVSP 16:18		Wavelength=2788A Code=02 Exp # = 35623		Rast=180"x1" Step=0"	Pitch=+83", Yaw=+603"
Event # = 8142 86/02/02, 16:55 Start	DOY=33 Peak	SMM Pointing:	S09E44	Pitch=+77", Yaw=+670", Roll=0deg	H.Ang=44deg
G0ES 16:49	16:55	Importance=C2	Qual=05		
HXRBS 17:06:34	17:06:58	Peak...c/s=67	Qual=01	MaxkeV=62	XEN=603301
UVSP 16:53		Wavelength=2788A Code=00 Exp # = 35624		Rast=180"x1" Step=0"	Pitch=+6", Yaw=-63"
Radio Sweeps	Type/Intensity:	V/I			

Event # = 21188									
86/02/02,20:43		DOY=33	SMM Pointing:			Pitch=+236",Yaw=+1005",Roll=0deg			
Start		Peak	End times						
GOES	19:30	20:43	21:50						
BCS	21:41	21:44	21:55						
FCS	21:52	21:52							
UVSP	20:31								
						FePeak=21:44			
						Qual=05			
						Qual=4			
						Importance=C3			
						CaPeak.c/s=35			
						Peak3..c/s=138			
						Wavelength=1375A			
						Code=00			
						Exp #=35630			
						FePeak.c/s=8			
						#Peaks=1			
						dt= 7.7s			
						XEN=603302			
						Rast=60"x60"			
						Cad= 258s			
						7.168s/pixel			
						Pitch=+246",Yaw=+1024"			
						Step=5"			
						Rast=265"x265"			
Event # = 21189									
86/02/02,22:10		DOY=33	SMM Pointing:			Pitch=+90",Yaw=+628",Roll=0deg			
Start		Peak	End times			H.Ang=41deg			
GOES	22:09	22:10	22:28						
BCS	22:10	22:10							
FCS	22:01								
UVSP									
						FePeak.c/s=8			
						#Peaks=1			
						dt= 7.7s			
						XEN=603303			
						Rast=60"x60"			
						Cad= 258s			
						7.168s/pixel			
						Pitch=+123",Yaw=+639"			
						Step=0"			
						Rast=30"x30"			
86/02/03 DOY=34									
Event # = 8143		86/02/03,09:23			DOY=34	SMM Pointing:			Pitch=+84",Yaw=+547",Roll=0deg
Start		Peak			End times			H.Ang=35deg	
GOES	09:20	09:23	09:32						
HXRBS	09:22:32	09:22:36	09:23:45						
UVSP	09:35								
						Qual=01			
						Qual=01			
						Importance=B4			
						Peak...c/s=68			
						Wavelength=2788A			
						Exp #=35681			
						MaxkeV=62			
						Rast=180"x1"			
						Step=0"			
						Pitch=+89",Yaw=+477"			
Event # = 8144									
86/02/03,20:49		DOY=34	SMM Pointing:			Pitch=+77",Yaw=+461",Roll=0deg			
Start		Peak	End times			H.Ang=29deg			
Optical	20:34	20:49	21:15						
GOES	20:36	20:47	20:37:14			20:38:09			
HXRBS	20:36:47	20:37:14	20:38:09						
UVSP	21:17								
Radio Sweeps									
Radio Frequency(MHz)/Flux(sfu):									

[illegible]



Event # = 8575									
86/02/05, 10:22	DOY=36	SMM Pointing:			S10E07	Pitch=+63", Yaw=+110", Roll=0deg		H. Ang=7deg	
Start	Peak	End times							
GOES 10:17	10:22	11:11	Importance=C1	Qual=02					
HXRBS 10:19:02	10:19:52	10:20:23	Peak...c/s=55	Qual=01	Tot Cts=402	MaxkeV=63	Flags=1		
BCS 10:17	10:18	10:20	CaPeak.c/s=22	Qual=1	FePeak=10:18	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=603601
FCS 10:19	10:19		Peak3...c/s=77			Rast=0"x0"	Step=0"	Cad= 768s	768.0s/pixel
UVSP 10:11			Wavelength=1375A	Code=00	Exp #=35846	Rast=30"x30"	Step=0"	Pitch=+96", Yaw=+83"	
Event # = 8154									
86/02/05, 12:55	DOY=36	SMM Pointing:			S10E05	Pitch=+63", Yaw=+88", Roll=0deg		H. Ang=6deg	
Start	Peak	End times							
Optical 12:32	12:55	13:21	Ha...Class=2B	S07E06					
GOES 12:34:08	12:35:43	12:39:10	Importance=M3	Qual=02	AR4711	Mac.=DKI	Carr. Lon.=60deg		H. Ang=6deg
HXRBS 13:09			Peak...c/s=377	Qual=13	Tot Cts=32439	MaxkeV=88	Flags=M, ES, DG		
UVSP 13:09			Wavelength=2788A		Exp #=35851	Rast=243"x243"	Step=3"	Pitch=+69", Yaw=+102"	
Radio Frequency(MHz)/Flux(sfu):	410/550 606/180 1415/260 2695/1200 4995/2400 8800/2600 15400/470								
Event # = 21191									
86/02/05, 21:58	DOY=36	SMM Pointing:			S10E01	Pitch=+62", Yaw=+15", Roll=0deg		H. Ang=4deg	
Start	Peak	End times							
Optical 21:34	21:58	22:40	Ha...Class=SF	S08W03					
GOES 22:00	22:00	22:02	Importance=B8	Qual=05	AR4711	Mac.=DKI	Carr. Lon.=64deg		H. Ang=3deg
BCS 22:00	22:00	22:02	CaPeak.c/s=20	Qual=5	FePeak=22:01	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=603602
FCS 22:01	22:01		Peak3...c/s=14			Rast=0"x0"	Step=0"	Cad=3840s	3840s/pixel
UVSP 22:01			Wavelength=1375A	Code=02	Exp #=35884	Rast=280"x280"	Step=10"	Pitch=+70", Yaw=+18"	
Event # = 21192									
86/02/05, 23:37	DOY=36	SMM Pointing:			S10W01	Pitch=+62", Yaw=-14", Roll=0deg		H. Ang=4deg	
Start	Peak	End times							
Optical 23:29	23:37	23:55	Ha...Class=SF	S05W06					
GOES 23:34	23:34	23:40	Importance=B9	Qual=04	AR4711	Mac.=DKI	Carr. Lon.=66deg		H. Ang=6deg
BCS 23:34	23:34	23:40	CaPeak.c/s=22	Qual=5	FePeak=23:36	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=603603
FCS 23:38	23:38		Peak3...c/s=116			Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
UVSP 23:37			Wavelength=1375A	Code=02	Exp #=35893	Rast=30"x30"	Step=0"	Pitch=-5", Yaw=-22"	
86/02/06 DOY=37									
Event # = 21193									
86/02/06, 01:24	DOY=37	SMM Pointing:			S10W02	Pitch=+62", Yaw=-29", Roll=0deg		H. Ang=4deg	
Start	Peak	End times							
Optical 01:14	01:24	01:40	Ha...Class=SF	S01E41					
GOES 01:25	01:25	01:34	Importance=C1	Qual=01	AR4713	Mac.=DA0	Carr. Lon.=18deg		H. Ang=41deg
BCS 01:25	01:25	01:34	CaPeak.c/s=19	Qual=1	FePeak=01:27	FePeak.c/s=15	#Peaks=1	dt= 7.7s	XEN=603700
FCS 01:26	01:26		Peak3...c/s=55			Rast=0"x0"	Step=0"	Cad= 129s	129.0s/pixel
UVSP 01:11			Wavelength=1375A	Code=00	Exp #=35901	Rast=30"x30"	Step=0"	Pitch=+5", Yaw=-27"	
Event # = 8155									
86/02/06, 01:41	DOY=37	SMM Pointing:			S10W02	Pitch=+62", Yaw=-29", Roll=0deg		H. Ang=4deg	
Start	Peak	End times							
GOES 01:41:20	01:41:25	01:42:13	Peak...c/s=72	Qual=00					
HXRBS 01:28			Wavelength=1375A	Qual=01					
UVSP 01:28					Exp #=35903	MaxkeV=63	Pitch=0"	Step=0"	Pitch=+95", Yaw=-9"
						Rast=30"x30"			

Event # = 8465									
86/02/06,06:25	DOY=37	End times	SMM Pointing:	S07E85		Pitch=+101", Yaw=+964", Roll=0deg	H. Ang=84deg		
Start	Peak								
Optical			Ha...Class=3B	S04W06	AR4711	Mac.=DKI Carr. Lon.=62deg	H. Ang=6deg		
GOES 06:18	06:25	07:07	Importance=X2	Qual=03					
HXRBS 06:17:12	06:22:05	06:48:09	Peak...c/s=92037	Qual=01	Tot Cts=1.18E+7	MaxkeV=527	Flags=1		
BCS 06:22	06:22	06:23	CaPeak.c/s=19	Qual=1	FePeak=06:22	FePeak.c/s=68	#Peaks=1	dt= 3.8s	XEN=603701
FCS	06:22		Peak3...c/s=21			Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
UVSP	06:20		Wave length=1375A	Code=00	Exp #=35925	Rast=265"x265"	Step=5"	Pitch=+111", Yaw=+983"	
Radio		Type/Intensity:	11/3 IV/2						
Sweeps		Frequency(MHz)/Flux(sfu):	245/6200 410/3500	606/990	1415/1400	2695/4200	8800/8800	15400/26000	
Event # = 21194									
86/02/06,07:50	DOY=37	End times	SMM Pointing:	S10W05		Pitch=+63", Yaw=-87", Roll=0deg	H. Ang=6deg		
Start	Peak								
BCS 07:50	07:50	07:54	CaPeak.c/s=18	Qual= 5	FePeak=07:50	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=603702
FCS	07:52		Peak3...c/s=226			Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
UVSP	07:46		Wave length=2788A		Exp #=35928	Rast=243"x243"	Step=3"	Pitch=+69", Yaw=-70"	
Event # = 8158									
86/02/06,15:30	DOY=37	End times	SMM Pointing:	S10W09		Pitch=+63", Yaw=-154", Roll=0deg	H. Ang=10deg		
Start	Peak								
GOES 15:30	15:30	15:38	Importance=B8	Qual=01					
HXRBS 15:27:32	15:27:44	15:28:14	Peak...c/s=98	Qual=01	Tot Cts=568	MaxkeV=63			
UVSP	15:20		Wave length=1375A	Code=00	Exp #=35948	Rast=30"x30"	Step=0"	Pitch=+76", Yaw=-126"	
Event # = 21195									
86/02/06,17:42	DOY=37	End times	SMM Pointing:	S10W10		Pitch=+63", Yaw=-174", Roll=0deg	H. Ang=11deg		
Start	Peak								
GOES 17:24	17:42	18:06	Importance=C1	Qual=04					
BCS 17:41	17:42	17:46	CaPeak.c/s=21	Qual=1	FePeak=17:43	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=603703
FCS	17:42		Peak3...c/s=125			Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
UVSP	17:36		Wave length=1375A	Code=00	Exp #=35958	Rast=30"x30"	Step=0"	Pitch=+76", Yaw=-197"	
Radio		Frequency(MHz)/Flux(sfu):	245/50 410/64						
Event # = 21196									
86/02/06,19:19	DOY=37	End times	SMM Pointing:	S10W11		Pitch=+64", Yaw=-188", Roll=0deg	H. Ang=12deg		
Start	Peak								
Optical			Ha...Class=SN	S12W12	AR4711	Mac.=DKI Carr. Lon.=61deg	H. Ang=13deg		
GOES 19:16	19:19	19:36	Importance=C2	Qual=03					
BCS 19:14	19:19	19:23	CaPeak.c/s=36	Qual=1	FePeak=19:19	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=603704
FCS	19:16		Peak3...c/s=158			Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
UVSP	19:09		Wave length=1375A	Code=00	Exp #=35964	Rast=30"x30"	Step=0"	Pitch=+76", Yaw=-221"	
Event # = 8159									
86/02/06,20:27	DOY=37	End times	SMM Pointing:	S10W12		Pitch=+63", Yaw=-202", Roll=0deg	H. Ang=13deg		
Start	Peak								
Optical			Ha...Class=SF	S06W15	AR4711	Mac.=DKI Carr. Lon.=63deg	H. Ang=15deg		
GOES 20:25	20:27	20:31	Importance=C1	Qual=03					
HXRBS 20:26:05	20:26:21	20:26:39	Peak...c/s=83	Qual=01	Tot Cts=453	MaxkeV=63			
UVSP	20:20		Wave length=1375A	Code=00	Exp #=35968	Rast=30"x30"	Step=0"	Pitch=+76", Yaw=-212"	





Event # = 21204	86/02/08	DOY=39	86/02/08	DOY=39
86/02/08,04:23	S10W31	SMM Pointing:	S10W31	Pitch=+83",Yaw=-489",Roll=0deg
Optical	End times			H.Ang=31deg
GOES 04:16	04:40	Ha...Class-SF	S04W33	Mac.=DAI Carr.Lon.=64deg H.Ang=33deg
GOES 04:21	04:23	Importance=C1	Qual=03	
BCS 04:22	04:22	CaPeak.c/s=23	Qual=1	FePeak.c/s=9 dt= 7.7s XEN=603900
FCS 04:22	04:22	Peak3...c/s=18	FePeak=04:22	Rast=300"x300" Cad= 922s 1.024s/pixel
UVSP 04:22	04:22	Wavelength=1375A	Code=00	Rast=280"x280" Step=10" Pitch=+92",Yaw=-478"
Event # = 21205	86/02/08,16:44	DOY=39	86/02/08	DOY=39
86/02/08,16:44	S10W38	SMM Pointing:	S10W38	Pitch=+90",Yaw=-585",Roll=0deg
Optical	End times			H.Ang=37deg
GOES 16:00	17:09	Ha...Class-SF	S10W37	Mac.=DAI Carr.Lon.=61deg H.Ang=37deg
BCS 16:20	16:45	Importance=86	Qual=02	
FCS 16:44	16:44	CaPeak.c/s=28	Qual=2	FePeak.c/s=70 dt= 7.7s XEN=603901
UVSP 16:40	16:44	Peak3...c/s=138	FePeak=16:20	Rast=240"x240" Cad= 590s 1.024s/pixel
Radio Sweeps	Type/Intensity:	Wavelength=1375A	Code=00	Rast=30"x30" Step=0" Pitch=+113",Yaw=-606"
Event # = 8168	86/02/08,21:41	DOY=39	86/02/08	DOY=39
86/02/08,21:41	S11W43	SMM Pointing:	S11W43	Pitch=+106",Yaw=-658",Roll=0deg
GOES 21:38	21:41	Importance=B4	Qual=03	H.Ang=43deg
HXRBS 21:40:02	21:40:13	Peak...c/s=73	Qual=01	
UVSP 21:41	21:40:56	Wavelength=1375A	Code=02	MaxkeV=63
Radio Sweeps	Type/Intensity:	III/1	Exp #=36171	Rast=30"x30" Step=0" Pitch=-11",Yaw=-722"
Event # = 21206	86/02/08,22:27	DOY=39	86/02/08	DOY=39
86/02/08,22:27	S11W44	SMM Pointing:	S11W44	Pitch=+107",Yaw=-669",Roll=0deg
GOES 22:20	22:35	Importance=B5	Qual=01	H.Ang=44deg
BCS 22:23	22:32	CaPeak.c/s=29	Qual=1	
FCS 22:28	22:28	Peak3...c/s=154	FePeak=22:24	FePeak.c/s=60 dt= 7.7s XEN=603902
UVSP 22:21	22:28	Wavelength=1375A	Code=00	Rast=0"x0" Cad= 129s 129.0s/pixel
Event # = 21207	86/02/09,00:06	DOY=40	86/02/09	DOY=40
86/02/09,00:06	S11W45	SMM Pointing:	S11W45	Pitch=+108",Yaw=-679",Roll=0deg
GOES 00:04	00:09	CaPeak.c/s=25	Qual=00	H.Ang=45deg
BCS 00:05	00:05	Peak3...c/s=96	Qual=1	
UVSP 23:56	23:56	Wavelength=1375A	FePeak=00:06	FePeak.c/s=49 dt= 7.7s XEN=604000
Event # = 8169	86/02/09,04:51	DOY=40	86/02/09	DOY=40
86/02/09,04:51	S11W48	SMM Pointing:	S11W48	Pitch=+111",Yaw=-710",Roll=0deg
GOES 04:51:09	04:52:16	Peak...c/s=66	Qual=00	H.Ang=48deg
HXRBS 04:51:29	04:52:16	UVSP 04:46	Qual=01	
UVSP 04:46	04:46	Wavelength=1375A	Exp #=36205	MaxkeV=63
				Rast=30"x30" Step=0" Pitch=+75",Yaw=-658"

Event # = 8170	DOY=40	SMM Pointing:	S11W57	Pitch=+125", Yaw=-802", Roll=0deg	H.Ang=56deg
86/02/09, 21:07	Start	End times			
GOES	21:00	21:20	Qual=03		
HXRBS	21:06:59	21:07:16	Importance=C2		
UVSP	20:57	21:07:55	Peak...c/s=255		
			Wavelength=1375A		
			Code=00		
			Tot Cts=3057		
			Exp #=36261		
				Step=0"	Pitch=+48", Yaw=-788"
Event # = 21208	DOY=40	SMM Pointing:	S11W57	Pitch=+125", Yaw=-802", Roll=0deg	H.Ang=56deg
86/02/09, 21:46	Start	End times			
GOES	21:21	21:46	Qual=05		
BCS	21:53	22:03	Importance=C1		
FCS	21:54	22:02	CaPeak.c/s=20		
UVSP	21:54	22:02	Peak3..c/s=152		
Radio Sweeps			Wavelength=1375A		
			Code=02		
			Exp #=36264		
			III/1		
		Type/Intensity:			
Event # = 21209	DOY=41	SMM Pointing:	S11W64	Pitch=+136", Yaw=-859", Roll=0deg	H.Ang=63deg
86/02/10, 12:01	Start	End times			
Optical					
GOES	11:43	12:01	Ha...Class=SB		
BCS	12:02	12:27	Importance=C3		
FCS	12:42	12:49	CaPeak.c/s=89		
UVSP	12:33	12:42	Peak3..c/s=474		
			Wavelength=2788A		
			Exp #=36324		
			AR4711		
			Mac.=CAO		
			Carr.Lon.=66deg		
			FePeak.c/s=13		
			dt= 3.8s		
			XEN=604100		
			Rast=240"x240"		
			Cad= 590s		
			Step=10"		
			Step=3"		
			Pitch=+145", Yaw=-850"		
Event # = 21211	DOY=41	SMM Pointing:	S03W21	Pitch=-54", Yaw=-354", Roll=0deg	H.Ang=22deg
86/02/10, 16:34	Start	End times			
GOES	16:02	16:43	Qual=05		
BCS	16:45	16:47	Importance=C2		
FCS	16:57	17:03	CaPeak.c/s=25		
UVSP	16:46	16:57	Peak3..c/s=207		
			Wavelength=1375A		
			Exp #=36338		
			FePeak=16:52		
			dt= 7.7s		
			XEN=604101		
			Rast=240"x240"		
			Cad= 590s		
			Step=10"		
			Pitch=-45", Yaw=-350"		
Event # = 8174	DOY=41	SMM Pointing:	S03W24	Pitch=-52", Yaw=-395", Roll=0deg	H.Ang=24deg
86/02/10, 20:46	Start	End times			
Optical					
GOES	20:17	20:46	Ha...Class=SB		
HXRBS	20:18:30	20:22:00	Importance=M1		
BCS	20:16	20:40	Peak...c/s=1096		
FCS	20:44	20:51	CaPeak.c/s=418		
UVSP	20:32	20:44	Peak3..c/s=646		
Radio Sweeps			Wavelength=1375A		
			Code=00		
			Exp #=36359		
			Flags=M		
			dt= 7.7s		
			XEN=604102		
			Rast=300"x300"		
			Cad= 922s		
			Step=10"		
			Pitch=-89", Yaw=-468"		
Event # = 21212	DOY=41	SMM Pointing:	S03W25	Pitch=-51", Yaw=-408", Roll=0deg	H.Ang=25deg
86/02/10, 21:28	Start	End times			
GOES	21:28	21:28	Qual=00		
BCS	21:28	21:28	Qual=5		
FCS	21:58	22:25	CaPeak.c/s=115		
UVSP	21:29	21:58	Peak3..c/s=334		
			Wavelength=1375A		
			Exp #=36362		
			FePeak=21:36		
			dt= 7.7s		
			XEN=604103		
			Rast=240"x240"		
			Cad= 590s		
			Step=10"		
			Pitch=-43", Yaw=-391"		

Event # = 8175										
86/02/10, 21:55	DOY=41	SMM Pointing:		S03W25	Pitch=-51", Yaw=-408", Roll=0deg					H.Ang=25deg
Start	Peak	End times								
GOES 21:54	22:05	Importance=C4								
HXRBS 21:54:14	21:55:10	Peak...c/s=67								
UVSP 21:48	21:56:46	Wavelength=1375A								
			Tot Cts=993							
			Exp #=36365							
			MaxkeV=63							
			Rast=30"x30"							
			Step=0"							Pitch=-88", Yaw=-479"
86/02/11 DOY=42										
Event # = 8176										
86/02/11, 01:07	DOY=42	SMM Pointing:		S03W29	Pitch=-47", Yaw=-478", Roll=0deg					H.Ang=30deg
Start	Peak	End times								
Optical										
GOES 00:39	01:07	Ha...Class=IN								
HXRBS 00:59:20	01:11	Importance=C4								
UVSP 00:58	01:02:34	Peak...c/s=273								
			Wavelength=1375A							
			Code=00							
			Tot Cts=5981							
			Exp #=36381							
			MaxkeV=142							
			Rast=30"x30"							
			Step=0"							Pitch=-94", Yaw=-526"
86/02/11 DOY=42										
Event # = 21215										
86/02/11, 03:41	DOY=42	SMM Pointing:		S03W30	Pitch=-47", Yaw=-489", Roll=0deg					H.Ang=30deg
Start	Peak	End times								
Optical										
GOES 03:28	03:41	Ha...Class=IB								
BCS 03:55	04:13	Importance=M1								
FCS 03:58	04:43	CaPeak.c/s=436								
UVSP 03:54	04:43	Peak3...c/s=1388								
			Wavelength=1375A							
			Code=00							
			FePeak=03:55							
			Exp #=36394							
			FePeak.c/s=63							
			Rast=180"x180"							
			Step=10"							dt= 3.8s
			Cad= 332s							XEN=604200
			XEN=604200							
			Pitch=-38", Yaw=-485"							
Radio Frequency (MHz)/Flux(sfu): 4995/28 8800/55 15400/21										
Event # = 21213										
86/02/11, 08:55	DOY=42	SMM Pointing:		S03W34	Pitch=-43", Yaw=-540", Roll=0deg					H.Ang=34deg
Start	Peak	End times								
Optical										
GOES 08:51	08:55	Ha...Class=SF								
BCS 08:54	09:05	Importance=C1								
FCS 08:58	08:58	CaPeak.c/s=26								
UVSP 08:51	08:55	Peak3...c/s=322								
			Wavelength=1375A							
			Code=00							
			FePeak=08:54							
			Exp #=36413							
			FePeak.c/s=9							
			Step=10"							dt= 7.7s
			Cad= 590s							XEN=604201
			XEN=604201							
			Pitch=-100", Yaw=-600"							
86/02/11, 12:11										
Event # = 21214										
86/02/11, 12:11	DOY=42	SMM Pointing:		S03W35	Pitch=-41", Yaw=-564", Roll=0deg					H.Ang=35deg
Start	Peak	End times								
GOES 11:37	12:11	CaPeak.c/s=25								
BCS 12:12	12:33	Peak3...c/s=144								
UVSP 12:08	12:12	Wavelength=2788A								
			Qual=00							
			Qual= 4							
			FePeak=11:37							
			Exp #=36425							
			FePeak.c/s=8							
			Step=10"							dt= 7.7s
			Cad= 590s							XEN=604202
			XEN=604202							
			Pitch=-35", Yaw=-548"							
86/02/11, 13:47										
Event # = 21216										
86/02/11, 13:47	DOY=42	SMM Pointing:		S03W36	Pitch=-40", Yaw=-576", Roll=0deg					H.Ang=36deg
Start	Peak	End times								
GOES 13:42	13:47	Importance=C2								
BCS 13:11	14:00	CaPeak.c/s=51								
FCS 13:48	14:08	Peak3...c/s=166								
UVSP 13:44	13:47	Wavelength=1375A								
			Code=00							
			FePeak=13:19							
			Exp #=36429							
			FePeak.c/s=12							
			Step=0"							dt= 3.8s
			Cad= 768s							XEN=604203
			XEN=604203							
			Pitch=-97", Yaw=-657"							

Event # = 21217									
86/02/11,14:45	DOY=42		SMM Pointing:	S03W37		Pitch=-39", Yaw=-588", Roll=0deg		H. Ang=37deg	
GOES 14:45	Peak	End times							
BCS 14:45	14:45	15:23	CaPeak.c/s=20	Qual=00		FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=604204
FCS 15:22	15:22		Peak3..c/s=146	Qual= 5	FePeak=14:45	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
UVSP 14:46			Wavelength=1375A		Exp #=36432	Rast=280"x280"	Step=10"	Pitch=-31", Yaw=-570"	
Event # = 8177									
86/02/11,23:25	DOY=42		SMM Pointing:	S04W42		Pitch=-16", Yaw=-655", Roll=0deg		H. Ang=42deg	
Optical 22:50	Peak	End times							
GOES 22:50	23:25	23:45	Ha...Class=SN	N00W43		Mac.=DKI	Carr.Lon.=24deg		H. Ang=43deg
HRBS 23:04:42	23:24:29	23:31:50	Importance=M1	Qual=03	AR4713				
BCS 23:01	23:18	23:34	Peak...c/s=288	Qual=01	Tot Cts=37509	MaxkeV=89	Flags=I	dt= 7.7s	XEN=604205
FCS 23:18	23:18		CaPeak.c/s=624	Qual= 1	FePeak=23:16	FePeak.c/s=116	#Peaks=1	Cad= 922s	1.024s/pixel
UVSP 23:16			Peak3..c/s=1310		Exp #=36475	Rast=300"x300"	Step=10"	Pitch=-42", Yaw=-677"	
Radio Sweeps	Type/Intensity:	II/1	Wavelength=1375A	Code=00		Rast=30"x30"	Step=0"		
86/02/12 DOY=43									
Event # = 21218									
86/02/12,00:11	DOY=43		SMM Pointing:	S04W43		Pitch=-15", Yaw=-666", Roll=0deg		H. Ang=43deg	
BCS 00:11	Peak	End times							
FCS 00:11	00:11	00:23	CaPeak.c/s=23	Qual= 5	FePeak=00:14	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=604300
UVSP 00:13	00:19		Peak3..c/s=357		Exp #=36478	Rast=180"x180"	Step=10"	Cad= 332s	1.024s/pixel
			Wavelength=1375A			Rast=280"x280"	Step=10"	Pitch=-7", Yaw=-648"	
Event # = 8178									
86/02/12,04:10	DOY=43		SMM Pointing:	S04W45		Pitch=-13", Yaw=-688", Roll=0deg		H. Ang=45deg	
GOES 04:08	Peak	End times							
HRBS 04:09:47	04:10	04:15	Importance=B5	Qual=01		MaxkeV=63			
UVSP 04:03	04:09:50	04:09:54	Peak...c/s=74	Qual=01	Exp #=36499	Rast=255"x255"	Step=3"	Pitch=-5", Yaw=-673"	
			Wavelength=1375A	Code=00					
Event # = 21219									
86/02/12,05:09	DOY=43		SMM Pointing:	S04W46		Pitch=-11", Yaw=-698", Roll=0deg		H. Ang=46deg	
GOES 05:05	Peak	End times							
BCS 05:09	05:09	06:00	Importance=C2	Qual=01		FePeak.c/s=15	#Peaks=1	dt= 7.7s	XEN=604301
FCS 05:10	05:10	05:16	CaPeak.c/s=43	Qual= 4	FePeak=05:09	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
UVSP 05:07	05:10		Peak3..c/s=303		Exp #=36500	Rast=255"x255"	Step=3"	Pitch=-4", Yaw=-680"	
			Wavelength=2788A	Code=00					
Event # = 21220									
86/02/12,11:53	DOY=43		SMM Pointing:	S04W49		Pitch=-737", Yaw=+6", Roll=90deg		H. Ang=49deg	
GOES 11:50	Peak	End times							
BCS 11:53	11:53	12:00	Importance=C1	Qual=01		FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=604302
FCS 11:54	11:54	11:57	CaPeak.c/s=23	Qual= 1	FePeak=11:54	Rast=0"x0"	Step=0"	Cad= 768s	768.0s/pixel
UVSP 11:50	11:54		Peak3..c/s=139		Exp #=36513	Rast=265"x265"	Step=5"	Pitch=-735", Yaw=+25"	
			Wavelength=1375A	Code=00					



Event # = 21221									
86/02/12, 17:27	DOY=43	SMM Pointing:		S02W55	Pitch=+31", Yaw=+797", Roll=180deg		H.Ang=55deg		
GOES 17:00	Peak	End times							
BCS 17:27	17:27	Importance=B8		Qual=05					
FCS 17:29	17:29	CaPeak.c/s=19		Qual= 5					
UVSP 17:31	17:33	Peak3..c/s=131		FePeak=17:31					
		Wavelength=1375A		Code=02					
		Exp #=36525							
Event # = 21222									
86/02/12, 21:22	DOY=43	SMM Pointing:		S02W58	Pitch=+25", Yaw=+826", Roll=180deg		H.Ang=58deg		
GOES 21:22	21:22	End times							
BCS 21:24	21:24	CaPeak.c/s=19		Qual=00					
UVSP 21:16	21:24	Peak3..c/s=29		FePeak=21:26					
		Wavelength=1375A		Code=02					
		Exp #=36546							
Event # = 21223									
86/02/12, 22:08	DOY=43	SMM Pointing:		S02W58	Pitch=+25", Yaw=+826", Roll=180deg		H.Ang=58deg		
GOES 22:01	22:08	End times							
BCS 22:12	22:12	Importance=C3		Qual=05					
FCS 22:20	22:12	CaPeak.c/s=22		Qual= 5					
UVSP 22:13	22:20	Peak3..c/s=57		FePeak=22:15					
		Wavelength=1375A		Code=02					
		Exp #=36549							
Event # = 21224									
86/02/12, 23:03	DOY=43	SMM Pointing:		S02W58	Pitch=+25", Yaw=+826", Roll=180deg		H.Ang=58deg		
GOES 23:01	23:03	End times							
BCS 23:03	23:03	Importance=B9		Qual=01					
FCS 23:05	23:05	CaPeak.c/s=19		Qual= 1					
UVSP 22:51	23:05	Wavelength=1375A		Code=00					
		Exp #=36554							
86/02/13 DOY=44									
Event # = 21225									
86/02/13, 00:24	DOY=44	SMM Pointing:		S02W59	Pitch=+24", Yaw=+837", Roll=180deg		H.Ang=59deg		
GOES 00:20	Peak	End times							
BCS 00:29	00:24	Importance=C1		Qual=01					
FCS 00:30	00:29	CaPeak.c/s=18		Qual= 1					
UVSP 00:20	00:30	Peak3..c/s=51		FePeak=00:29					
		Wavelength=1375A		Code=00					
		Exp #=36562							
Event # = 8179									
86/02/13, 00:35	DOY=44	SMM Pointing:		S02W59	Pitch=+24", Yaw=+837", Roll=180deg		H.Ang=59deg		
GOES 00:33	Peak	End times							
HXRBS 00:33:55	00:35	Importance=C1		Qual=01					
BCS 00:34	00:34:02	Peak...c/s=132		Qual=01					
FCS 00:35	00:34	CaPeak.c/s=26		Qual= 1					
UVSP 00:20	00:35	Peak3..c/s=60		FePeak=00:35					
		Wavelength=1375A		Code=01					
		Exp #=36562							
Event # = 8180									
86/02/13, 01:52	DOY=44	SMM Pointing:		S02W61	Pitch=+20", Yaw=+850", Roll=180deg		H.Ang=61deg		
GOES 01:50	Peak	End times							
HXRBS 01:51:09	01:52	Importance=B4		Qual=01					
UVSP 01:22	01:51:26	Peak...c/s=89		Qual=01					
		Wavelength=2788A		Code=00					
		Exp #=36564							
		MaxkeV=63							
		Rast=243"x243"		Step=3"	Pitch=+28", Yaw=+865"				

Event # = 21227									
86/02/13, 03:02	DOY=44	SMM Pointing:		S02W61	Pitch=+20" , Yaw=+850" , Roll=180deg		H. Ang=61deg		
GOES	03:02	03:02	03:03	Qual=00	FePeak=03:02		dt= 0.5s		
BCS	03:02	03:02	03:02	Qual= 5	FePeak=03:02		Cad=3840s		
FCS	03:02	03:02	03:02	Qual=00	FePeak=03:02		XEN=604402 3840s/pixel		
Event # = 21226									
86/02/13, 03:11	DOY=44	SMM Pointing:		S02W61	Pitch=+20" , Yaw=+850" , Roll=180deg		H. Ang=61deg		
GOES	03:11	03:11	03:51	Qual=00	FePeak=03:10		dt= 7.7s		
BCS	03:09	03:11	03:51	Qual= 4	FePeak=03:10		Cad= 129s		
FCS	03:09	03:11	03:51	Qual=00	FePeak=03:10		XEN=604403 129.0s/pixel		
Event # = 21228									
86/02/13, 04:42	DOY=44	SMM Pointing:		S02W61	Pitch=+17" , Yaw=+853" , Roll=180deg		H. Ang=61deg		
GOES	04:42	04:42	04:43	Qual=00	FePeak=04:42		dt= 0.5s		
BCS	04:42	04:42	04:43	Qual= 5	FePeak=04:42		Cad=3840s		
FCS	04:42	04:42	04:43	Qual=00	FePeak=04:42		XEN=604404 3840s/pixel		
Event # = 8181									
86/02/13, 04:54	DOY=44	SMM Pointing:		S02W61	Pitch=+17" , Yaw=+853" , Roll=180deg		H. Ang=61deg		
GOES	04:51	04:54	05:11	Qual=01	FePeak=04:54		dt= 7.7s		
HXRBS	04:52:22	04:53:09	04:55:12	Qual=01	FePeak=04:54		Cad= 851s		
BCS	04:50	04:54	05:26	Qual= 1	FePeak=04:54		XEN=851.5s/pixel		
FCS	04:50	05:02	05:26	Qual=01	FePeak=04:54		XEN=851.5s/pixel		
Event # = 8182									
86/02/13, 04:55:47	DOY=44	SMM Pointing:		S02W61	Pitch=+17" , Yaw=+853" , Roll=180deg		H. Ang=61deg		
GOES	04:55:15	04:55:47	04:56:29	Qual=01	FePeak=04:54		dt= 7.7s		
HXRBS	04:55:15	04:55:47	04:56:29	Qual=01	FePeak=04:54		Cad= 851s		
Event # = 8344									
86/02/13, 17:20	DOY=44	SMM Pointing:		S02W71	Pitch=+0" , Yaw=+921" , Roll=180deg		H. Ang=71deg		
Optical	17:15	17:20	17:23	Qual=01	FePeak=04:54		dt= 7.7s		
GOES	17:15	17:20	17:23	Qual=01	FePeak=04:54		Cad= 851s		
HXRBS	17:17:57	17:20:23	17:23:14	Qual=01	FePeak=04:54		XEN=851.5s/pixel		
BCS	17:20	17:20	17:21	Qual= 2	FePeak=04:54		XEN=851.5s/pixel		
FCS	17:20	17:20	17:21	Qual=01	FePeak=04:54		XEN=851.5s/pixel		
UVSP	17:05	17:21	17:21	Qual=01	FePeak=04:54		XEN=851.5s/pixel		
Event # = 8188									
86/02/13, 18:47	DOY=44	SMM Pointing:		N00W76	Pitch=+27" , Yaw=+943" , Roll=180deg		H. Ang=76deg		
GOES	18:45	18:47	18:50	Qual=01	FePeak=04:54		dt= 7.7s		
HXRBS	18:47:15	18:47:45	18:47:55	Qual=01	FePeak=04:54		Cad= 590s		
UVSP	18:41	18:47	18:47	Qual=01	FePeak=04:54		XEN=851.5s/pixel		
Event # = 21229									
86/02/13, 19:30	DOY=44	SMM Pointing:		N00W76	Pitch=+27" , Yaw=+943" , Roll=180deg		H. Ang=76deg		
GOES	19:28	19:30	19:40	Qual=03	FePeak=19:33		dt= 7.7s		
BCS	19:33	19:33	19:34	Qual= 1	FePeak=19:33		Cad= 590s		
FCS	19:33	19:33	19:34	Qual=01	FePeak=19:33		XEN=851.5s/pixel		
UVSP	19:16	19:34	19:34	Qual=01	FePeak=19:33		XEN=851.5s/pixel		

86/02/14 DOY=45										
Event # = 21230		86/02/14, 03:03		DOY=45	SMM Pointing:		N00W79		Pitch=+19", Yaw=+956", Roll=180deg	H. Ang=79deg
Optical		Start		Peak	End times		Qual=03		Mac.=EKO Carr. Lon.=28deg	H. Ang=77deg
GOES		03:00		03:03	03:33		Qual=1		FePeak=03:03	XEN=604500
BCS		03:03		03:04	03:06		Peak3...c/s=19		Rast=240"x240" Step=10" Cad= 590s	1.024s/pixel
FCS				03:05			Peak3...c/s=218			
Event # = 8189		86/02/14, 09:29		DOY=45	SMM Pointing:		N00W81		Pitch=+19", Yaw=+960", Roll=180deg	H. Ang=81deg
Optical		Start		Peak	End times		Qual=03		Mac.=EKO Carr. Lon.=25deg	H. Ang=76deg
GOES		09:02		09:29	10:28		Qual=01		FePeak=15:08	XEN=604501
HXRBS		09:09:48		09:15:40	09:43:33		Qual=00		Rast=240"x240" Step=10" Cad= 590s	1.024s/pixel
Radio Sweeps		Type/Intensity:					Exp #=36605		Pitch=+23", Yaw=+992"	
Radio		Frequency(MHz)/Flux(sfu):		410/80 606/110 1415/670 2695/2100 4995/9400 8800/4300 15400/4000						
Event # = 21231		86/02/14, 15:05		DOY=45	SMM Pointing:		N01W87		Pitch=+16", Yaw=+972", Roll=180deg	H. Ang=87deg
GOES		15:04		15:05	15:33		Qual=00		FePeak.c/s=9 #Peaks=1 dt= 7.7s	XEN=604501
BCS		15:04		15:10	15:10		Qual=4		Rast=240"x240" Step=10" Cad= 590s	1.024s/pixel
FCS							Qual=4		Rast=243"x243" Step=3" Pitch=+23", Yaw=+992"	
UVSP		15:29					Exp #=36605			
Event # = 8190		86/02/14, 15:46		DOY=45	SMM Pointing:		N01W87		Pitch=+16", Yaw=+972", Roll=180deg	H. Ang=87deg
Optical		Start		Peak	End times		Qual=03		Mac.=EKO Carr. Lon.=24deg	H. Ang=79deg
GOES		15:43		15:46	16:30		Qual=01		MaxkeV=197	XEN=604502
HXRBS		15:44:07		15:44:59	15:48:17		Qual=1		FePeak.c/s=9 #Peaks=1 dt= 7.7s	1.024s/pixel
BCS		15:45		15:45	15:46		Code=00		Rast=60"x60" Step=10" Cad=36.9s	
FCS				15:45			Exp #=36605		Rast=243"x243" Step=3" Pitch=+23", Yaw=+992"	
UVSP		15:29					Associated Event # = 21232			
Radio Sweeps		Type/Intensity:					Qual=1 FePeak=15:56			
Radio		Frequency(MHz)/Flux(sfu):		245/100 410/90			Qual=1		FePeak.c/s=7 #Peaks=1 dt= 7.7s	XEN=604503
BCS		15:53		15:58	16:01		Qual=1		Rast=0"x0" Cad=3840s	3840s/pixel
FCS				15:53						
Event # = 8577		86/02/14, 20:39		DOY=45	SMM Pointing:		N01W87		Pitch=+16", Yaw=+972", Roll=180deg	H. Ang=87deg
Optical		Start		Peak	End times		Qual=03		Mac.=EKO Carr. Lon.=29deg	H. Ang=86deg
GOES		20:34		20:39	21:20		Qual=03		MaxkeV=89	XEN=604502
HXRBS		20:36:16		20:37:28	20:39:07		Qual=00		Flags=I, EN	1.024s/pixel
UVSP		20:25		20:25			Code=00		Rast=30"x30" Step=0" Pitch=+10", Yaw=+955"	
Radio Sweeps		Type/Intensity:					Exp #=36627			
Event # = 8191		86/02/14, 23:42		DOY=45	SMM Pointing:		N01W87		Pitch=+16", Yaw=+972", Roll=180deg	H. Ang=87deg
GOES		23:40		23:42	23:46		Qual=01		MaxkeV=63	XEN=604501
HXRBS		23:40:45		23:41:03	23:41:24		Qual=01		Rast=30"x30" Step=0" Pitch=-1", Yaw=+965"	
UVSP		23:33					Code=00			

86/02/15 DOY=46			
Event # = 21233	DOY=46	SMM Pointing:	
86/02/15, 04:12	Peak		
Optical	End times	N01W86	Pitch=+19", Yaw=+971", Roll=180deg H.Ang=86deg
GOES 04:07	04:12	Code=BSL	
BCS 04:10	04:12	Importance=C1	Mac.=DKI Carr.Lon.=29deg H.Ang=90deg
FCS	04:14	CaPeak.c/s=34	
		Peak3..c/s=26	FePeak.c/s=10 #Peaks=1 dt= 7.7s XEN=604600
			Rast=60"x60" Step=10" Cad= 498s 13.82s/pixel
Event # = 8578	DOY=46	SMM Pointing:	
86/02/15, 08:45	Peak		
Optical	End times	N01W86	Pitch=+19", Yaw=+971", Roll=180deg H.Ang=86deg
GOES 08:40	08:45	Ha...Class=SN	
HXRBS 08:44:36	08:45:36	Importance=C6	Mac.=DKI Carr.Lon.=19deg H.Ang=83deg
Radio Sweeps	Type/Intensity:	Qual=01 Tot Cts=20000	Flags=I
	III/3		
Event # = 8579	DOY=46		
86/02/15, 12:03	Peak		
GOES 10:16	12:03	Importance=M2	
HXRBS 11:28:21	11:29:12	Peak...c/s=138	
Radio Frequency(MHz)/Flux(sfu):	1415/2800 2695/2600 4995/1400 8800/1100	Qual=12 Tot Cts=27120	Flags=I, SN, IS
Event # = 8580	DOY=46		
86/02/15, 13:05	Peak		
GOES 13:04	13:05	Importance=M1	
HXRBS 13:03:49	13:04:36	Peak...c/s=548	
Radio Sweeps	Type/Intensity:	Qual=02 Tot Cts=20200	Flags=I, SN
	V/1		
Radio Frequency(MHz)/Flux(sfu):	1415/190 2695/290 4995/180 8800/170	MaxkeV=227	
Event # = 8581	DOY=46		
86/02/15, 13:09	Peak		
GOES 13:06	13:09	Importance=M2	
HXRBS 13:08:10	13:08:53	Peak...c/s=5178	
		Qual=01 Tot Cts=1.15E+5	Flags=I
Event # = 21234	DOY=46	SMM Pointing:	
86/02/15, 14:38	Peak		
GOES 14:38	14:38		Pitch=+16", Yaw=+1001", Roll=180deg
BCS 15:11	15:11	CaPeak.c/s=42	
FCS	15:11	Peak3..c/s=84	FePeak.c/s=9 #Peaks=1 dt= 7.7s XEN=604601
UVSP 15:00		Wavelength=1375A	Rast=240"x240" Cad= 590s 1.024s/pixel
		Exp #=36650	Rast=280"x280" Step=10" Pitch=+25", Yaw=+1019"
Event # = 21235	DOY=46	SMM Pointing:	
86/02/15, 17:47	Peak		
GOES 17:47	17:47		Pitch=+16", Yaw=+1001", Roll=180deg
BCS 17:49	17:49	CaPeak.c/s=39	
FCS	17:49	Peak3..c/s=41	FePeak.c/s=17 #Peaks=1 dt= 7.7s XEN=604602
UVSP 17:49		Wavelength=1375A	Rast=0"x0" Cad=3840s 3840s/pixel
		Exp #=36664	Rast=280"x280" Step=10" Pitch=+25", Yaw=+1019"

Event # = 21236		86/02/16		DOY=47	
86/02/16, 00:42		DOY=47		Pitch=+17", Yaw=+1001", Roll=180deg	
G0ES	00:39	Start	00:42	End times	
BCS	00:41	Peak	00:41	Importance=C1	Qual=01
FCS	00:42	CaPeak.c/s=25	00:44	CaPeak.c/s=25	Qual=1
UVSP	00:05	Peak3..c/s=25		WaveLength=2788A	Code=00
				Exp #=36696	
				FePeak=00:41 dt= 7.7s XEN=604700	
				Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel	
				Rast=243"x243" Step=3" Pitch=+23", Yaw=+1021"	
Event # = 21237		86/02/16, 02:15		DOY=47	
86/02/16, 02:15		DOY=47		Pitch=+17", Yaw=+1001", Roll=180deg	
G0ES	02:11	Start	02:15	End times	
BCS	02:12	Peak	02:15	Importance=C1	Qual=01
FCS	02:15	CaPeak.c/s=23	02:20	CaPeak.c/s=23	Qual=1
UVSP	00:05	Peak3..c/s=28		WaveLength=2788A	Code=00
				Exp #=36696	
				FePeak=02:12 dt= 7.7s XEN=604701	
				Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel	
Event # = 21242		86/02/16, 11:46		DOY=47	
86/02/16, 11:46		DOY=47		Pitch=+12", Yaw=+1008", Roll=180deg	
G0ES	11:35	Start	11:46	End times	
BCS	11:46	Peak	11:57	Importance=C1	Qual=00
FCS	11:57	CaPeak.c/s=49	12:02	CaPeak.c/s=49	Qual=1
UVSP	00:05	Peak3..c/s=89		WaveLength=2788A	Code=00
				Exp #=36696	
				FePeak=11:40 dt= 7.7s XEN=604702	
				Rast=0"x0" Step=0" Cad= 768s 768.0s/pixel	
Event # = 21238		86/02/16, 11:51		DOY=47	
86/02/16, 11:51		DOY=47		Pitch=+12", Yaw=+1008", Roll=180deg	
G0ES	11:34	Start	11:51	End times	
BCS	11:35	Peak	11:46	Importance=C1	Qual=03
FCS	11:57	CaPeak.c/s=49	12:02	CaPeak.c/s=49	Qual=1
Radio Sweeps		Type/Intensity:			
				FePeak=11:40 dt= 7.7s XEN=604702	
				Rast=0"x0" Step=0" Cad= 768s 768.0s/pixel	
Event # = 21239		86/02/16, 14:50		DOY=47	
86/02/16, 14:50		DOY=47		Pitch=+12", Yaw=+1008", Roll=180deg	
G0ES	14:36	Start	14:50	End times	
BCS	14:44	Peak	14:49	Importance=B6	Qual=03
FCS	14:49	CaPeak.c/s=29	14:57	CaPeak.c/s=29	Qual=1
Radio Sweeps		Type/Intensity:			
				FePeak=14:45 dt= 7.7s XEN=604703	
				Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel	
Event # = 21241		86/02/16, 22:47		DOY=47	
86/02/16, 22:47		DOY=47		Pitch=+12", Yaw=+1008", Roll=180deg	
G0ES	22:39	Start	22:47	End times	
BCS	22:47	Peak	22:42	Importance=B6	Qual=00
FCS	22:42	CaPeak.c/s=16	22:48	CaPeak.c/s=16	Qual=2
UVSP	22:44	Peak3..c/s=22		WaveLength=1375A	Code=00
				Exp #=36719	
				FePeak=22:47 dt= 7.7s XEN=604704	
				Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel	
				Rast=30"x30" Step=0" Pitch=-71", Yaw=+954"	
Event # = 21240		86/02/16, 23:01		DOY=47	
86/02/16, 23:01		DOY=47		Pitch=+12", Yaw=+1008", Roll=180deg	
G0ES	22:55	Start	23:01	End times	
BCS	23:01	Peak	23:03	Importance=B6	Qual=00
FCS	22:56	CaPeak.c/s=250	23:03	CaPeak.c/s=250	Qual=1
UVSP	23:00	Peak3..c/s=28		WaveLength=1375A	Code=00
				Exp #=36720	
				FePeak=23:01 dt= 7.7s XEN=604705	
				Rast=300"x300" Step=10" Cad= 922s 1.024s/pixel	
				Rast=280"x280" Step=10" Pitch=+25", Yaw=+1019"	

Event # = 8582									
86/02/16, 23:57	DOY=47	Peak	End times	Importance=C7	Qual=02	Tot Cts=1.27E+5	MaxkeV=142	Flags=I, EN, DG	XEN=604706
GOES 22:45	23:57	01:50	01:50	Peak...c/s=240	Qual=13	FePeak=23:39	FePeak.c/s=59	#Peaks=1	dt= 0.5s
HXRBS 22:27:23	22:42:40	22:53:01	23:40	CaPeak.c/s=297	Qual= 5	Exp #=36723	Rast=0"x0"	Step=0"	Cad=3840s
FCS 23:39	23:39	23:40		Peak3..c/s=44			Rast=30"x30"	Step=0"	Pitch=-91", Yaw=+944"
UVSP 23:42				Wavelength=1375A	Code=00				
86/02/17 DOY=48									
Event # = 21243									
86/02/17, 01:15	DOY=48	Peak	End times	CaPeak.c/s=53	Qual= 5	FePeak=01:15	FePeak.c/s=5	#Peaks=1	dt= 0.5s
BCS 01:15	01:15	01:16	01:16	Peak3..c/s=65		Exp #=36729	Rast=0"x0"	Step=0"	Cad=3840s
UVSP 00:35				Wavelength=1375A			Rast=30"x30"	Step=0"	Pitch=+30", Yaw=+904"
Event # = 21244									
86/02/17, 01:24	DOY=48	Peak	End times	CaPeak.c/s=190	Qual=00	FePeak=01:22	FePeak.c/s=15	#Peaks=1	dt= 7.7s
GOES 01:22	01:24	02:11	02:11	Peak3..c/s=187	Qual= 5	Exp #=36729	Rast=0"x0"	Step=0"	Cad=2.05s
FCS 01:27	01:27			Wavelength=1375A			Rast=30"x30"	Step=0"	Pitch=+30", Yaw=+904"
UVSP 00:35									
Event # = 21245									
86/02/17, 04:36	DOY=48	Peak	End times	SMM Pointing:		Pitch=+23", Yaw=+1003", Roll=180deg			
GOES 04:34	04:36	05:19	05:19	CaPeak.c/s=35	Qual=00	FePeak=04:34	FePeak.c/s=10	#Peaks=1	dt= 7.7s
BCS 04:44	04:44			Peak3..c/s=100	Qual= 4	Exp #=36735	Rast=0"x0"	Step=0"	Cad=2.05s
UVSP 04:30	04:30			Wavelength=2788A			Rast=243"x243"	Step=3"	Pitch=+23", Yaw=+1021"
Event # = 12751									
86/02/18, 04:38	DOY=49	Peak	End times	SMM Pointing:		Pitch=+16", Yaw=+1001", Roll=180deg			
GOES 04:38:15	04:38:15	04:38:19	04:38:26	Peak...c/s=52	Qual=01	Tot Cts=39	MaxkeV=258	Flags=NS, GB	
HXRBS 04:51	04:51			Wavelength=2788A		Exp #=36759	Rast=180"x1"	Step=0"	Pitch=+23", Yaw=+938"
UVSP 04:51									
86/03/01 DOY=60									
Event # = 8196									
86/03/01, 15:53	DOY=60	Peak	End times	SMM Pointing:	N02E87	Pitch=-33", Yaw=+968", Roll=0deg		H. Ang=87deg	
Optical 15:46	15:53	16:04	16:04	Ha...Class=SN	N02E71	Mac.=DKC	Carr. Lon.=37deg	H. Ang=71deg	
GOES 15:46	15:53	16:04	16:04	Importance=C2	Qual=03				
HXRBS 15:50:25	15:50:56	15:53:10	15:55	Peak...c/s=62	Qual=01	AR4717	MaxkeV=63	#Peaks=1	dt= 7.7s
BCS 15:51	15:52	15:55		CaPeak.c/s=44	Qual= 2	FePeak=15:52	FePeak.c/s=11	Step=0"	Cad=1.02s
FCS 15:54	15:54			Peak3..c/s=322		Exp #=37004	Rast=0"x0"	Step=0"	Pitch=-91", Yaw=+951"
UVSP 15:45				Wavelength=1375A	Code=00	Event # = 21246	Rast=30"x30"		
Associated									
BCS 16:01	16:02	16:05	16:05	CaPeak.c/s=27	Qual= 1	FePeak=16:02	FePeak.c/s=11	#Peaks=1	dt= 7.7s
FCS 16:01	16:01			Peak3..c/s=189		Exp #=37005	Rast=0"x0"	Step=0"	Cad=1.02s
UVSP 16:01	16:01			Wavelength=1375A			Rast=280"x280"	Step=10"	Pitch=-26", Yaw=+986"

Event # = 8197		86/03/02		DOY=61					
86/03/02 02:56		DOY=61		N01E77		Pitch=-44", Yaw=+944", Roll=0deg		H. Ang=77deg	
Start		Peak		SMM Pointing:					
GOES 02:54		02:56		End times					
HXRBs 02:57:02		02:57:20		Importance=86					
BCS 02:59		02:59		Peak...c/s=174					
FCS 03:01		03:01		CaPeak.c/s=25					
UVSP 02:44				Peak3...c/s=38					
				Wavelength=1375A					
				Code=00					
				Exp #=37045					
				Tot Cts=1726					
				FePeak=02:59					
				Qual=1					
				Qual=03					
				Qual=01					
				Qual=01					
				Qual=2					
				FePeak=05:43					
				Exp #=37059					
				Event # = 21247					
				FePeak=05:54					
				Qual=1					
				Qual=03					
				Qual=01					
				Qual=2					
				FePeak=05:43					
				Exp #=37059					
				Event # = 21247					
				FePeak=05:54					
				Qual=1					
				Qual=03					
				Qual=01					
				Qual=2					
				FePeak=05:43					
				Exp #=37059					
				Event # = 21247					
				FePeak=05:54					
				Qual=1					
				Qual=03					
				Qual=01					
				Qual=2					
				FePeak=05:43					
				Exp #=37059					
				Event # = 21247					
				FePeak=05:54					
				Qual=1					
				Qual=03					
				Qual=01					
				Qual=2					
				FePeak=05:43					
				Exp #=37059					
				Event # = 21247					
				FePeak=05:54					
				Qual=1					
				Qual=03					
				Qual=01					
				Qual=2					
				FePeak=05:43					
				Exp #=37059					
				Event # = 21247					
				FePeak=05:54					
				Qual=1					
				Qual=03					
				Qual=01					
				Qual=2					
				FePeak=05:43					
				Exp #=37059					
				Event # = 21247					
				FePeak=05:54					
				Qual=1					
				Qual=03					
				Qual=01					
				Qual=2					
				FePeak=05:43					
				Exp #=37059					
				Event # = 21247					
				FePeak=05:54					
				Qual=1					
				Qual=03					
				Qual=01					
				Qual=2					
				FePeak=05:43					
				Exp #=37059					
				Event # = 21247					
				FePeak=05:54					
				Qual=1					
				Qual=03					
				Qual=01					
				Qual=2					
				FePeak=05:43					
				Exp #=37059					
				Event # = 21247					
				FePeak=05:54					
				Qual=1					
				Qual=03					
				Qual=01					
				Qual=2					
				FePeak=05:43					
				Exp #=37059					

86/03/03 DOY=62									
Event # = 8201	DOY=62	SMM Pointing:		End times	N00E55	AR4717	Mac.=DKC	Carr. Lon.=35deg	H. Ang=56deg
86/03/03, 05:01	Peak								
Optical									
GOES	04:56	Ha...Class=1B	05:04	N01E52					
HXRBS	04:58:43	Importance=C8	05:02:46	Qual=01	Tot Cts=46782	MaxkeV=143	#Peaks=1	dt= 0.5s	XEN=606200
BCS	04:59	CaPeak.c/s=27	05:00	Qual= 2	FePeak=04:59	Rast=120"x120"	Step=20"	Cad=18.4s	0.512s/pixel
FCS	04:59	Peak3..c/s=14				Rast=30"x30"	Step=0"	Pitch=-87", Yaw=+837"	
UVSP	04:52	Wave length=1375A		Code=00	Exp #=37155				
Radio	Frequency (MHz)/Flux(sfu):	1415/29 2695/33	4995/54	8800/65	15400/31				
-----									
Event # = 8202	DOY=62	SMM Pointing:		End times	N00E51		Pitch=-77", Yaw=+750", Ro11=0deg		H. Ang=51deg
86/03/03, 12:54	Peak								
GOES	12:42	Importance=M1	13:33	Qual=01					
HXRBS	12:51:43	Peak...c/s=1965	12:57:20	Qual=01	Tot Cts=56103	MaxkeV=170	Flags=M		
BCS	12:53	CaPeak.c/s=20	12:54	Qual= 2	FePeak=12:53	FePeak.c/s=12	#Peaks=1	dt= 0.5s	XEN=606201
FCS	12:53	Peak3..c/s=740				Rast=0"x0"	Step=0"	Cad=21.2s	21.25s/pixel
UVSP	12:04	Wave length=1375A		Exp #=37186		Rast=30"x30"	Step=0"	Pitch=+796", Yaw=+89"	
Radio	Frequency (MHz)/Flux(sfu):	1415/47 2695/65	4995/39	8800/83					
-----									
BCS	13:00	CaPeak.c/s=45	13:16	Qual= 4	FePeak=13:01	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=606202
FCS	13:00	Peak3..c/s=210				Rast=0"x0"	Step=0"	Cad= 860s	860.4s/pixel
-----									
Event # = 8203	DOY=62	SMM Pointing:		End times	N00E51		Pitch=-77", Yaw=+750", Ro11=0deg		H. Ang=51deg
86/03/03, 13:35	Peak								
GOES	13:31	Importance=C2	13:43	Qual=01					
HXRBS	13:33:45	Peak...c/s=240	13:35:54	Qual=01	Tot Cts=3499	MaxkeV=63	#Peaks=1	dt= 7.7s	XEN=606203
BCS	13:35	CaPeak.c/s=67	13:40	Qual= 1	FePeak=13:35	FePeak.c/s=22	Step=0"	Cad= 860s	860.4s/pixel
FCS	13:37	Peak3..c/s=198				Rast=0"x0"	Step=10"	Pitch=-71", Yaw=+758"	
UVSP	14:18	Wave length=1375A		Exp #=37187		Rast=280"x280"			
-----									
Event # = 21251	DOY=62	SMM Pointing:		End times	N00E50		Pitch=-79", Yaw=+740", Ro11=0deg		H. Ang=50deg
86/03/03, 14:19	Peak								
Optical									
GOES	13:51	Ha...Class=1N	14:35	N02E48	AR4717	Mac.=DKC	Carr. Lon.=34deg	H. Ang=49deg	
BCS	14:16	Importance=C5	14:17	Qual=04					
FCS	14:17	CaPeak.c/s=28		Qual= 5	FePeak=14:16	FePeak.c/s=9	#Peaks=1	dt= 0.5s	XEN=606204
UVSP	14:18	Peak3..c/s=14				Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel
		Wave length=1375A		Exp #=37188		Rast=30"x30"	Step=0"	Pitch=-76", Yaw=+653"	
-----									
BCS	14:24	CaPeak.c/s=120	15:14	Associated Event # = 21252		FePeak.c/s=19	#Peaks=1	dt= 7.7s	XEN=606205
FCS	14:32	Peak3..c/s=1669		Qual= 1	FePeak=14:27	Rast=0"x0"	Step=0"	Cad= 567s	567.3s/pixel
-----									
86/03/04 DOY=63									
Event # = 8204	DOY=63	SMM Pointing:		End times	N00E38		Pitch=-96", Yaw=+602", Ro11=0deg		H. Ang=39deg
86/03/04, 11:37	Peak								
GOES	11:36:52	Peak...c/s=120	11:38:55	Qual=00					
HXRBS	11:20	Wave length=1375A		Qual=01	Tot Cts=3684	MaxkeV=89			
UVSP	11:20				Exp #=37266	Rast=30"x30"	Step=0"	Pitch=-123", Yaw=+580"	





Event # = 8209									
86/03/06,09:04	DOY=65	Start	End times	SMM Pointing:	N00E13		Pitch=-120", Yaw=+218", Roll=0deg	H.Ang=15deg	
Optical				Ha...Class=SB	N02E11	AR4717	Mac.=DSI	H.Ang=14deg	
GOES 09:01	09:04	09:16		Importance=C5	Qual=01				
HXRBS 09:02:53	09:03:11	09:04:02		Peak...c/s=111	Qual=01	Tot Cts=3005	MaxkeV=63		
UVSP 08:56	09:03:11	09:04:02		Wave length=1375A	Code=00	Exp #=37436	Rast=30"x30"	Pitch=-86", Yaw=+185"	
Event # = 8210									
86/03/06,09:59	DOY=65	Start	End times	SMM Pointing:	N00E12		Pitch=-120", Yaw=+203", Roll=0deg	H.Ang=14deg	
GOES 09:54	09:59	10:37		Importance=B6	Qual=01				
HXRBS 09:55:17	09:56:15	09:57:39		Peak...c/s=112	Qual=01	Tot Cts=4066	MaxkeV=63		
UVSP 09:54	09:56:15	09:57:39		Wave length=1375A	Code=00	Exp #=37440	Rast=30"x30"	Pitch=-147", Yaw=+186"	
Event # = 21255									
86/03/06,17:03	DOY=65	Start	End times	SMM Pointing:	N00E09		Pitch=-121", Yaw=+146", Roll=0deg	H.Ang=11deg	
Optical				Ha...Class=1F	N02E01	AR4717	Mac.=DSI	H.Ang=9deg	
GOES 16:28	17:03	17:36		Importance=C5	Qual=02				
BCS 16:34	16:37	16:38		CaPeak.c/s=34	Qual= 3	FePeak=16:37	FePeak.c/s=9	#Peaks=2 dt= 7.7s XEN=606503	
FCS 16:37	16:37			Peak3...c/s=71		Exp #=37471	Rast=0"x0"	Cad= 922s 921.6s/pixel	
UVSP 16:31	16:37			Wave length=1375A			Rast=30"x30"	Pitch=-208", Yaw=+105"	
Event # = 21256									
86/03/06,17:44	DOY=65	Start	End times	SMM Pointing:	N00E05		Pitch=-122", Yaw=+87", Roll=0deg	H.Ang=9deg	
GOES 17:44	17:44	18:15		CaPeak.c/s=34	Qual=00				
BCS 17:56	17:56			Peak3...c/s=108	Qual= 5	FePeak=17:49	FePeak.c/s=8	#Peaks=1 dt= 7.7s XEN=606504	
UVSP 17:44	17:56			Wave length=1375A		Exp #=37472	Rast=0"x0"	Cad= 922s 921.6s/pixel	
							Rast=280"x280"	Pitch=-114", Yaw=+105"	
86/03/07 DOY=66									
86/03/07,00:06	DOY=66	Start	End times	SMM Pointing:	N00E02		Pitch=-122", Yaw=+28", Roll=0deg	H.Ang=7deg	
Optical				Ha...Class=SN	N00W03	AR4717	Mac.=DKI	H.Ang=8deg	
GOES 00:03	00:06	00:20		Importance=C2	Qual=01				
HXRBS 00:00:22	00:00:32	00:00:43		Peak...c/s=90	Qual=01				
BCS 00:05	00:05	00:08		CaPeak.c/s=27	Qual= 2	FePeak=00:05	MaxkeV=63	#Peaks=1 dt= 7.7s XEN=606600	
FCS 00:07	00:07			Peak3...c/s=1060		Exp #=37482	FePeak.c/s=9	Cad=1.02s 1.024s/pixel	
UVSP 00:03	00:07			Wave length=1375A	Code=00		Rast=0"x0"	Pitch=-119", Yaw=-50"	
Event # = 8212									
86/03/07,02:05	DOY=66	Start	End times	SMM Pointing:	N00E01		Pitch=-126", Yaw=+17", Roll=0deg	H.Ang=8deg	
Optical				Ha...Class=SB	N00W05	AR4717	Mac.=DKI	H.Ang=9deg	
GOES 01:56	02:05	03:00		Importance=C4	Qual=01				
HXRBS 02:01:38	02:02:30	02:06:00		Peak...c/s=214	Qual=01	Tot Cts=9097	MaxkeV=89	Pitch=-159", Yaw=+93"	
UVSP 01:56	02:02:30	02:06:00		Wave length=1375A	Code=00	Exp #=37490	Rast=30"x30"	Step=0" Pitch=-159", Yaw=+93"	
						Event # = 8213			
						Associated			
						Qual=01			
HXRBS 02:08:25	02:08:38	02:08:46		Peak...c/s=64			MaxkeV=63		

Event # = 8217	DOY=66	SMM Pointing:	N00W05	Pitch=-122", Yaw=-91", Roll=0deg	H.Ang=9deg
86/03/07, 12:40	Peak	End times			
GOES	12:39:46	12:40:37	Qual=00		
HXRBS	12:39:46	12:40:37	Qual=01		
UVSP	12:37	12:43:48	Peak...c/s=208 Wavelength=1375A	Tot Cts=13709 Exp #=37544	MaxkeV=531 Rast=30"x30" Step=0" Pitch=-169", Yaw=-8"
Event # = 21257					
86/03/07, 12:55	DOY=66	SMM Pointing:	N00W05	Pitch=-122", Yaw=-91", Roll=0deg	H.Ang=9deg
Optical	Peak	End times			
GOES	12:50	12:59	Ha...Class=SN	Mac.=DKI	
BCS	12:54	12:57	Importance=86	Carr.Lon.=42deg	H.Ang=13deg
FCS	12:54	12:57	CaPeak.c/s=18	FePeak.c/s=8	XEN=606601
UVSP	12:37	12:54	Peak3...c/s=17 Wavelength=1375A	Rast=0"x0" Step=0" Rast=30"x30" Step=0"	Cad=1.02s Pitch=-169", Yaw=-8"
Event # = 21258					
86/03/20, 18:48	DOY=79	SMM Pointing:	86/03/20	DOY=79	
GOES	18:47	18:56	Qual=00		
BCS	18:47	18:48	CaPeak.c/s=713	FePeak.c/s=800	dt= 7.7s XEN=607900
FCS	18:47	18:47	Peak3...c/s=7873	Rast=240"x240"	Cad= 590s 1.024s/pixel
UVSP	19:00	19:00	Wavelength=2788A	Rast=180"x1" Step=0"	Pitch=+6", Yaw=+24"
Event # = 8218					
86/03/26, 03:34	DOY=85	SMM Pointing:	86/03/26	DOY=85	
GOES	03:34:02	03:34:19	Qual=01		
HXRBS	03:34:02	03:34:19	Qual=01		
UVSP	03:55	03:55	Peak...c/s=212 Wavelength=2788A	Tot Cts=1840 Exp #=38157	Pitch=+0", Yaw=+0", Roll=0deg H.Ang=0deg
Event # = 8219					
86/04/09, 05:49	DOY=99	SMM Pointing:	86/04/09	DOY=99	
GOES	05:49:31	05:49:39	Qual=01		
HXRBS	05:49:31	05:49:39	Qual=01		
UVSP	05:39	05:50:04	Peak...c/s=278 Wavelength=1375A	Tot Cts=1497 Exp #=38608	MaxkeV=429 Rast=180"x1" Step=0" Pitch=+6", Yaw=+24"
Event # = 7599					
86/04/22, 11:26	DOY=112	SMM Pointing:	86/04/22	DOY=112	
GOES	11:25:55	11:26:24	Qual=00		
HXRBS	11:25:55	11:26:24	Qual=03		
UVSP	11:22	11:27:22	Peak...c/s=81 Wavelength=2788A	Exp #=39037	Pitch=-29", Yaw=-355", Roll=0deg H.Ang=22deg
Event # = 8221					
86/04/23, 11:40	DOY=113	SMM Pointing:	86/04/23	DOY=113	
GOES	11:38	11:40	Qual=01		
HXRBS	11:38	11:40	Qual=01		
UVSP	11:39:50	11:41:14	Importance=B1 Peak...c/s=64 Wavelength=2788A	Exp #=39067	Pitch=-17", Yaw=-559", Roll=0deg H.Ang=36deg
Event # = 8221					
86/04/23, 11:32	DOY=113	SMM Pointing:	86/04/23	DOY=113	
GOES	11:32	11:32	Qual=01		
HXRBS	11:32	11:32	Qual=01		
UVSP	11:32	11:32	Importance=B1 Peak...c/s=64 Wavelength=2788A	Exp #=39067	Pitch=-17", Yaw=-559", Roll=0deg H.Ang=36deg

Event # = 8222  
86/04/23,14:04 DOY=113 Pitch=-18", Yaw=-571", Roll=0deg H.Ang=37deg  
Start Peak  
Optical SMM Pointing: S03W37 H.Ang=14deg  
GOES 14:00 14:04 14:12 Ha...Class=SB N02E12 Carr.Lon.=118deg  
HXRBS 14:03:01 14:03:21 14:03:48 Importance=B7 Qual=03  
UVSP 14:05 Peak...c/s=67 Qual=01  
Wave length=2788A Code=02 Exp #=39070  
MaxkeV=64  
Rast=180"x1" Step=0" Pitch=-10", Yaw=-385"

Event # = 21259  
86/04/23,23:06 DOY=113 Pitch=-130", Yaw=+153", Roll=0deg H.Ang=12deg  
Start Peak  
Optical SMM Pointing: N03E09 H.Ang=14deg  
GOES 22:59 23:06 23:20 Ha...Class=SF N03E11 Carr.Lon.=114deg  
BCS 23:04 23:07 23:15 Importance=C1 Qual=01  
FCS 23:06 CaPeak.c/s=31 Qual=1  
Wave length=2788A  
UVSP 22:33 Peak3...c/s=107  
Radio Frequency(MHz)/Flux(sfu): 245/15  
FePeak.c/s=10 dt= 7.7s XEN=611300  
Rast=0"x0" Step=0" Cad= 922s 921.6s/pixel  
Rast=180" x1" Step=0" Pitch=-124", Yaw=+178"

86/04/24 DOY=114  
Event # = 7600  
86/04/24,00:44 DOY=114 Pitch=-130", Yaw=+139", Roll=0deg H.Ang=11deg  
Start Peak  
Optical SMM Pointing: N03E08 H.Ang=11deg  
GOES 00:34 00:44 00:55 Ha...Class=SB N03E07 Carr.Lon.=117deg  
HXRBS 00:39:04 00:42:20 00:46:31 Importance=M1 Qual=01  
BCS 00:39 00:44 01:08 Peak...c/s=302 Qual=01  
FCS 00:43 CaPeak.c/s=782 Qual=1  
Wave length=2788A  
UVSP 00:16 Peak3...c/s=669  
Radio Frequency(MHz)/Flux(sfu): 2695/12 4995/24  
Tot Cts=44031  
FePeak=00:44  
Exp #=39080

Event # = 21260  
86/04/24,01:50 DOY=114 Pitch=-130", Yaw=+124", Roll=0deg H.Ang=11deg  
Start Peak  
Optical SMM Pointing: N03E07 H.Ang=11deg  
GOES 01:45 01:50 02:00 Ha...Class=SF N03E08 Carr.Lon.=115deg  
BCS 01:49 01:51 01:59 Importance=C2 Qual=01  
FCS 01:55 CaPeak.c/s=32 Qual=1  
Wave length=2788A  
UVSP 01:58 Peak3...c/s=37  
Code=02 Exp #=39081  
FePeak.c/s=10 dt= 7.7s XEN=611401  
Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
Rast=243" x243" Step=3" Pitch=-124", Yaw=+143"

Event # = 8223  
86/04/24,03:51 DOY=114 Pitch=+236", Yaw=+983", Roll=0deg  
Start Peak  
Optical SMM Pointing: N04E06 H.Ang=11deg  
GOES 03:40 03:51 04:37 Ha...Class=SB N04E06 Carr.Lon.=116deg  
HXRBS\* 03:45:00 03:46:39 03:54:15 Importance=M1 Qual=03  
UVSP 03:46 Peak...c/s=834 Qual=01  
Radio Frequency(MHz)/Flux(sfu): 1415/11 2695/38 4995/42  
Tot Cts=62940  
Exp #=39087  
MaxkeV=90  
Rast=265" x265" Step=5" Pitch=+246", Yaw=+1003"

Event # = 8225									
86/04/24, 06:13	Start	DOY=114	Peak	End times	SMM Pointing:	N03E06	Pitch=-130", Yaw=+96", Roll=0deg	H.Ang=10deg	
Optical									
GOES 06:03		06:13	07:07		Ha...Class=1B	N04E04	Mac.=DKI Carr.Lon.=117deg	H.Ang=10deg	
HXRBS 07:06:28		07:06:47	07:06:59		Importance=M2	Qual=05			
BCS 06:29		06:30	07:03		Peak...c/s=69	Qual=01			
FCS		06:38			CaPeak.c/s=331	Qual=1	#Peaks=1 dt= 3.8s	XEN=611402	
UVSP 06:24					Peak3...c/s=136		Rast=240"x240" Step=15" Cad= 262s	XEN=611402	
Radio Sweeps					Wave length=2788A		Rast=180"x1" Step=0" Pitch=-124", Yaw=+106"		
Type/Intensity: I/1									
Event # = 8224									
86/04/24, 06:31	Start	DOY=114	Peak	End times	SMM Pointing:	N03E05	Pitch=-131", Yaw=+81", Roll=0deg	H.Ang=9deg	
GOES									
HXRBS									
UVSP 06:24		06:31:31	06:32:20		Peak...c/s=55	Qual=00	MaxkeV=64		
					Wave length=2788A	Qual=01	Rast=180"x1" Step=0" Pitch=-124", Yaw=+106"		
Event # = 21261									
86/04/24, 09:49	Start	DOY=114	Peak	End times	SMM Pointing:	N03E03	Pitch=-131", Yaw=+52", Roll=0deg	H.Ang=8deg	
GOES									
BCS 09:43		09:49	10:07		Importance=C1	Qual=01			
FCS 09:47		09:49	09:56		CaPeak.c/s=40	Qual=1	#Peaks=1 dt= 7.7s	XEN=611403	
UVSP 09:34		09:48			Peak3...c/s=17		Rast=0"x0" Step=0" Cad=1.02s	XEN=611403	
					Wave length=2788A	Code=01	Rast=180"x1" Step=0" Pitch=-125", Yaw=+77"		
Event # = 21262									
86/04/24, 14:18	Start	DOY=114	Peak	End times	SMM Pointing:	N03E01	Pitch=-131", Yaw=+19", Roll=0deg	H.Ang=8deg	
Optical									
GOES 13:59		14:18	14:28		Ha...Class=1N	N02W01	Mac.=DKI Carr.Lon.=117deg	H.Ang=7deg	
BCS 14:21		14:22	14:41		Importance=C5	Qual=05			
FCS		14:25			CaPeak.c/s=159	Qual=1	#Peaks=1 dt= 3.8s	XEN=611404	
UVSP 14:17					Peak3...c/s=49		Rast=0"x0" Step=0" Cad= 922s	XEN=611404	
Radio					Wave length=2788A	Code=00	Rast=180"x1" Step=0" Pitch=-123", Yaw=+33"		
Frequency(MHz)/Flux(sfu): 4995/59 8800/66									
Event # = 6574									
86/04/25, 12:26	Start	DOY=115	Peak	End times	SMM Pointing:	S01W12	Pitch=-61", Yaw=-195", Roll=0deg	H.Ang=12deg	
GOES									
HXRBS									
UVSP 12:23		12:24:16	12:27:14		Peak...c/s=68	Qual=00	MaxkeV=90		
					Wave length=1375A	Qual=01	Rast=30"x30" Step=0" Pitch=-128", Yaw=-223"		
Event # = 8226									
86/04/26, 02:55	Start	DOY=116	Peak	End times	SMM Pointing:	S01W20	Pitch=-57", Yaw=-321", Roll=0deg	H.Ang=20deg	
GOES									
HXRBS									
UVSP 02:50		02:52	02:59		Importance=B1	Qual=01	MaxkeV=64		
Radio		02:54:34	02:54:57		Peak...c/s=67	Qual=01	Rast=30"x30" Step=0" Pitch=-104", Yaw=-331"		
					Wave length=1375A	Code=00	Flags=1		
Frequency(MHz)/Flux(sfu): 410/300									

Event # = 5859	SMM Pointing:				Pitch=+0", Yaw=+984", Roll=0deg			
86/04/26, 16:41	Start	DOY=116	Peak	End times	Mac.=DKI	Carr. Lon.=117deg	H. Ang=29deg	
Optical								
GOES 16:31	16:41	17:37						
HXRBS 16:37:34	16:38:28	16:40:40						
UVSP 16:39								
Radio	Frequency(MHz)/Flux(sfu):							
Event # = 6016	SMM Pointing:				Pitch=+108", Yaw=+944", Roll=0deg			
86/04/27, 21:19	Start	DOY=117	Peak	End times				
GOES 21:00	21:19	21:40						
HXRBS 21:20:01	21:20:30	21:20:53						
UVSP 21:09								
Radio	Sweeps	Type/Intensity:						
Event # = 21263	SMM Pointing:				Pitch=-99", Yaw=-944", Roll=0deg			
86/05/03, 10:17	Start	DOY=123	Peak	End times				
GOES 09:54	10:17	10:54						
BCS 09:44	09:56	09:58						
FCS 09:54								
UVSP 10:33								
Event # = 8358	SMM Pointing:				Pitch=-99", Yaw=-944", Roll=0deg			
86/05/04, 10:07	Start	DOY=124	Peak	End times				
Optical								
GOES 09:39	10:07	10:57						
HXRBS 10:04:54	10:08:53	10:14:53						
UVSP 10:01								
Event # = 8611	SMM Pointing:				Pitch=-99", Yaw=-944", Roll=0deg			
86/05/04, 16:32	Start	DOY=124	Peak	End times				
GOES 16:31	16:32	16:49						
HXRBS 16:30:57	16:31:49	16:34:34						
UVSP 16:18								
Radio	Sweeps	Type/Intensity:						
Event # = 12753	SMM Pointing:				Pitch=-101", Yaw=+977", Roll=0deg			
86/05/17, 02:41	Start	DOY=137	Peak	End times				
HXRBS 02:41:31	02:41:44	02:41:53						
UVSP 02:28								

86/05/21 DOY=141									
Event # = 8231	86/05/21, 01:45	DOY=141	Peak	SMM Pointing:	N06E64				
Optical	Start	End times							Pitch=-114", Yaw=+851", Roll=0deg H.Ang=65deg
GOES	01:42	01:45	01:52	Ha...Class=SF	N06E49	AR4731			Mac.=D50 Carr.Lon.=77deg H.Ang=50deg
HXRBS	01:44:30	01:44:59	01:45:20	Importance=B5	Qual=01				MaxkeV=64
UVSP	01:20	01:44:59	01:45:20	Peak...c/s=80	Qual=01	Exp #=40199			Rast=180"x1" Pitch=0" Step=0" Pitch=-116", Yaw=+790"
Radio	Sweeps	Type/Intensity:		Wavelength=2788A					
Frequency(MHz)/Flux(sfu):	245/13								
86/05/24 DOY=144									
Event # = 8613	86/05/24, 04:05	DOY=144	Peak	SMM Pointing:					
GOES	Start	End times							Pitch=-471", Yaw=+857", Roll=0deg
HXRBS	04:05:42	04:05:48	04:06:10	Peak...c/s=72	Qual=00				MaxkeV=542
UVSP	04:05	04:05:48	04:06:10	Wavelength=1375A	Qual=01	Tot Cts=360			Rast=265"x265" Step=5" Pitch=-482", Yaw=+880"
86/05/25 DOY=145									
Event # = 8232	86/05/25, 21:59	DOY=145	Peak	SMM Pointing:	N06W11				
Optical	Start	End times							Pitch=-123", Yaw=-173", Roll=0deg H.Ang=13deg
GOES	21:51	21:59	22:12	Ha...Class=SF	N06W11	AR4731			Mac.=CRI Carr.Lon.=73deg H.Ang=13deg
HXRBS	21:57:49	21:58:33	21:59:16	Importance=C1	Qual=01				MaxkeV=64
UVSP	21:39	21:57:49	21:58:33	Peak...c/s=141	Qual=01	Tot Cts=4432			Rast=180"x1" Pitch=-124", Yaw=-146"
86/05/26 DOY=146									
Event # = 8621	86/05/26, 07:51	DOY=146	Peak	SMM Pointing:	N06W16				
Optical	Start	End times							Pitch=-122", Yaw=-257", Roll=0deg H.Ang=17deg
GOES	07:42	07:51	08:27	Ha...Class=SF	N08W18	AR4731			Mac.=DAI Carr.Lon.=75deg H.Ang=20deg
HXRBS	07:45:52	07:46:00	07:46:16	Importance=B4	Qual=03				MaxkeV=64
UVSP	08:04	07:45:52	07:46:00	Peak...c/s=66	Qual=01	Tot Cts=212			Rast=180"x1" Step=0" Pitch=-124", Yaw=-239"
86/05/26 DOY=146									
Event # = 21264	86/05/26, 18:30	DOY=146	Peak	SMM Pointing:	N06W22				
Optical	Start	End times							Pitch=-121", Yaw=-352", Roll=0deg H.Ang=23deg
GOES	18:16	18:30	19:24	Ha...Class=SF	N08W26	AR4731			Mac.=DAI Carr.Lon.=77deg H.Ang=28deg
BGS	18:26	18:29	18:37	Importance=C1	Qual=01				FePeak.c/s=12 #Peaks=1 dt= 7.7s XEN=614600
FCS	18:37	18:29	18:37	CaPeak.c/s=41	Qual= 1	FePeak=18:29			Rast=300"x300" Step=10" Cad= 922s 1.024s/pixel
UVSP	18:04	18:37	18:37	Peak3...c/s=26		Exp #=40363			Rast=180"x1" Step=0" Pitch=-121", Yaw=-325"
86/06/03 DOY=154									
Event # = 8239	86/06/03, 14:59	DOY=154	Peak	SMM Pointing:	N06E26				
GOES	Start	End times							Pitch=-104", Yaw=+409", Roll=0deg H.Ang=26deg
HXRBS	14:58:41	14:59:39	15:01:32	Peak...c/s=91	Qual=00				MaxkeV=146
UVSP	14:50	14:59:39	15:01:32	Wavelength=1375A	Qual=01	Exp #=40496			Rast=265"x265" Step=5" Pitch=-99", Yaw=+431"

Event # = 8240		86/06/05	DOY=156		
86/06/05,01:22	DOY=156	N06E07		Pitch=-102",Yaw=+108",Roll=0deg	H.Ang=9deg
G0ES	Start	SMM Pointing:			
HXRBS	01:21:58	End times			
UVSP	01:14	Peak...c/s=68			
		Wave length=2788A	Exp #=40534	Step=0" Pitch=-98",Yaw=+134"	
				MaxkeV=91	
				Rast=180"x1"	
Event # = 8245		86/06/14	DOY=165		
86/06/14,23:03	DOY=165	N03E32		Pitch=-36",Yaw=+499",Roll=0deg	H.Ang=32deg
G0ES	Start	SMM Pointing:			
HXRBS	23:02:57	End times			
UVSP	22:30	Peak...c/s=84			
		Wave length=2788A	Exp #=40798	Step=0" Pitch=-31",Yaw=+527"	
				MaxkeV=545	
				Rast=180"x1"	
				Flags=AX	
Event # = 7864		86/06/15	DOY=166		
86/06/15,20:38	DOY=166	N04E18		Pitch=+286",Yaw=+49",Roll=90deg	H.Ang=18deg
G0ES	Start	SMM Pointing:			
HXRBS	20:37:45	End times			
UVSP	20:38	Peak...c/s=93			
		Wave length=1375A	Exp #=40827	Step=5" Pitch=+290",Yaw=+72"	
				MaxkeV=119	
				Rast=265"x265"	
				Flags=I	
Event # = 8246		86/06/18	DOY=169		
86/06/18,02:57	DOY=169	N04W12		Pitch=-45",Yaw=-198",Roll=0deg	H.Ang=12deg
G0ES	Start	SMM Pointing:			
HXRBS	02:56:56	End times			
UVSP	03:01	Peak...c/s=115			
		Wave length=2788A	Tot Cts=2255	Step=0" Pitch=-40",Yaw=-180"	
			Exp #=40900		
				MaxkeV=175	
				Rast=180"x1"	
Event # = 8247		86/06/21	DOY=172		
86/06/21,06:32	DOY=172	N15E03		Pitch=-210",Yaw=+44",Roll=0deg	H.Ang=13deg
G0ES	Start	SMM Pointing:			
HXRBS	06:32:50	End times			
UVSP	06:29	Peak...c/s=61			
		Wave length=2788A	Exp #=41001	Step=0" Pitch=-204",Yaw=+68"	
				MaxkeV=147	
				Rast=180"x1"	
Event # = 21265		86/07/10	DOY=191		
86/07/10,20:28	DOY=191	N07W47		Pitch=-72",Yaw=-685",Roll=0deg	H.Ang=47deg
Optical	Start	SMM Pointing:			
G0ES	20:20	End times			
BCS	20:27	Ha...Class=SF			
FCS	20:28	Importance=87			
UVSP	20:24	CaPeak.c/s=25			
		Peak3...c/s=36			
		Wave length=2788A	Code=00		
			Exp #=41531		
				Mac.=CS0	
				Carr.Lon.=224deg	
				FePeak.c/s=9	
				Rast=0"x0"	
				Rast=180"x1"	
				#Peaks=1	
				dt= 7.7s	
				Cad= 922s	
				Pitch=-67",Yaw=-662"	
				XEN=619100	



Event # = 21266		86/07/11		DOY=192	
86/07/11,05:06	DOY=192	SMM Pointing:		Pitch=-76",Yaw=-740",Roll=0deg	
Optical	End times	Ha...Class=SN		Mac.=CS0	
GOES 04:55	05:06	Importance=C3		Carr.Lon.=225deg	
BCS 05:04	05:04	CaPeak.c/s=158		#Peaks=1	
FCS 05:18	05:18	Peak3...c/s=1310		dt= 3.8s	
UVSP 04:21	05:18	Wavelength=2788A		Cad= 860s	
Radio	Type/Intensity:	Code=00		Step=0"	
Radio	Frequency(MHz)/Flux(sfu):	245/99 410/40 606/660 1415/230 2695/230 4995/160 8800/130 15400/64		Step=3"	
		11/1		Pitch=-84",Yaw=-198"	
		86/07/13		DOY=194	
Event # = 8251		SMM Pointing:			
86/07/13,01:01	DOY=194	Importance=B6			
GOES 00:58	01:01	Peak...c/s=85			
HXRBS 00:58:36	01:01:03	CaPeak.c/s=25			
BCS 01:01	01:01	Peak3...c/s=13			
FCS 01:01	01:01	Wavelength=2788A			
UVSP 00:54	01:01	Code=00			
Radio	Frequency(MHz)/Flux(sfu):	410/21 606/55 1415/49			
		86/07/13		DOY=194	
Event # = 8252		SMM Pointing:			
86/07/13,02:11	DOY=194	Importance=C2			
GOES 01:21	02:11	CaPeak.c/s=43			
BCS 02:32	02:33	Peak3...c/s=17			
FCS 02:32	02:33	Wavelength=2788A			
UVSP 02:28	02:33	Code=00			
Radio	Frequency(MHz)/Flux(sfu):	245/51 410/130 606/540 1415/58 2695/20 4995/17 8800/15			
		86/07/21		DOY=202	
Event # = 8252		SMM Pointing:			
86/07/21,13:26	DOY=202	Importance=C2			
GOES 13:25:44	13:26:47	CaPeak.c/s=71			
HXRBS 13:13	13:28:03	Peak3...c/s=17			
UVSP 13:13	13:28:03	Wavelength=2788A			
		86/07/26		DOY=207	
Event # = 8253		SMM Pointing:			
86/07/26,12:48	DOY=207	Importance=C2			
GOES 12:48:06	12:48:33	CaPeak.c/s=71			
HXRBS 12:37	12:49:38	Peak3...c/s=17			
UVSP 12:37	12:49:38	Wavelength=2788A			
		86/08/03		DOY=215	
Event # = 8292		SMM Pointing:			
86/08/03,01:48	DOY=215	Importance=C2			
GOES 01:48:19	01:48:31	CaPeak.c/s=108			
HXRBS 01:48:19	01:48:34	Peak3...c/s=108			
UVSP 01:26	01:48:34	Wavelength=2788A			





Event # = 8263		86/10/06		DOY=279		Pitch=-415",Yaw=-48",Roll=0deg		H.Ang=26deg	
86/10/06,21:23		SMM Pointing:		N32W03					
Start		End times		Qual=00					
GOES		21:22:58 21:23:47 21:25:59		Qual=01					
HXRBS		Peak...c/s=70							
UVSP		Wavelength=2788A		Exp #=44277		MaxkeV=94		Pitch=-292",Yaw=-13"	
21:17						Rast=180"x1"		Step=0"	
Event # = 8266		86/10/13		DOY=286		Pitch=+242",Yaw=+992",Roll=0deg		H.Ang=86deg	
86/10/13,17:20		SMM Pointing:		AR4748		Mac.=BX0			
Start		End times		S05W85		Carr.Lon.=86deg			
Optical		Ha...Class=SF		Qual=01					
GOES		17:13 17:20 17:38		Qual=01					
HXRBS		17:22:38 17:24:26 17:24:45		Qual=01					
UVSP		17:11		Code=00					
				Wavelength=1375A					
				Associated					
HXRBS		17:19:44 17:20:00 17:20:21		Qual=01					
				Associated					
HXRBS		17:20:58 17:21:41 17:21:57		Qual=01					
Event # = 8267		86/10/13		DOY=286		Pitch=+67",Yaw=-960",Roll=0deg		H.Ang=87deg	
86/10/13,21:41		SMM Pointing:		S04W87					
Start		End times		Qual=01					
GOES		21:37 21:41 22:00		Qual=01					
HXRBS		21:41:34 21:41:45 21:42:06		Qual=1					
BCS		21:41 21:41 21:43							
FCS									
UVSP		21:24		Code=01					
				Wavelength=2788A					
Event # = 21269		86/10/13,23:04		DOY=286		Pitch=+67",Yaw=-960",Roll=0deg		H.Ang=87deg	
Start		End times		S04W87					
GOES		22:57 23:04 23:08		Qual=05					
BCS		23:06 23:06 23:08		Qual=1					
FCS									
UVSP		22:59		Code=00					
Radio Sweeps									
				Wavelength=2788A					
				III/1					
Event # = 21270		86/10/14,08:54		DOY=287		Pitch=+67",Yaw=-960",Roll=0deg		H.Ang=87deg	
Start		End times		S04W87					
GOES		08:37 08:54 09:05		Qual=03					
BCS		08:43 08:48 09:05		Qual=1					
FCS									
UVSP		09:26							
				Wavelength=2788A					
Event # = 21272		86/10/14,14:52		DOY=287		Pitch=+33",Yaw=-992",Roll=0deg		H.Ang=87deg	
Start		End times		Qual=01					
GOES		13:42 14:52 15:03		Qual=1					
BCS		14:47 14:49 15:11							
FCS									
UVSP		14:43		Code=00					
				Wavelength=2788A					
				SMM Pointing:					
				Importance=C2					
				CaPeak.c/s=79					
				Peak3...c/s=62					
				Wavelength=2788A					
				FePeak=14:49					
				Exp #=44535					

[illegible]

Event # = 8268		86/10/16		DOY=289	
86/10/16, 17:56		DOY=289		SMM Pointing:	
Start		Peak		End times	
G0ES	17:49	17:56		Importance=C5	
HXRBS	17:55:58	17:56:40	17:57:25	Peak...c/s=64	
UVSP	18:00			WaveLength=2788A	
				Exp # = 44592	
				Maxkev=67	
				Rast=180" x1"	
				Step=0"	
				Pitch=-359" , Yaw=+892" , Roll=0deg	H. Ang=86deg

Event # = 8336		SMM Pointing:		N22E88	Pitch=-359",Yaw=+892",Roll=0deg		H.Ang=86deg
86/10/16,20:17	DOY=289	Start	End times				
	Peak						
GOES	20:05	20:17	20:30	Qual=05			
HXRBS	20:16:32	20:16:40	20:17:00	Qual=01			
BCS	20:16	20:17	20:26	Qual= 1			
FCS							
UVSP	20:09						
Radio Sweeps							
		Type/Intensity:		WaveLength=2788A	Code=00	Tot Cts=208	Flags=I
				III/I V/I		FePeak.c/s=9	#Peaks=1
						Rast=0"x0"	Step=0"
						Rast=180"x1"	Step=0"
				Exp #=44594		MaxVel=67	dt= 7.7s
							XEN=628900
							Cad=1.02s
							Pitch=-363",Yaw=+839"

[illegible]

Event # = 8270		SMM Pointing: N22E88		Pitch=-359", Yaw=+892", Roll=0deg		H.Ang=86deg	
86/10/16 22:03		DOY=289					
Start		Peak					
GOES 21:56		22:03		Importance=89		Qual=01	
HXRBS 22:02:29		22:02:49		Peak...c/s=397		Qual=01	
UVSP 21:42				Wavelength=2788A		Code=01	
III/1		Type/Intensity:					
Start		End times					
21:56		22:10					
22:02:29		22:03:31		Tot Cts=3447		Pitch=-363", Yaw=+839"	
				Exp # = 44595		Step=0"	
				Rast=180"x1"		Maxkey=122	

Event # = 8339		86/10/17		DOY=290	
86/10/17, 19:59		SMM Pointing:		N21E88	
Start	DOY=290	End times			
Optical	Peak			AR4750	Pitch=-336", Yaw=+902", Roll=0deg H. Ang=86deg
GOES	19:51	20:04	Ha...Class=SF	N21E70	Mac.=BX0 Carr. Lon.=237deg H. Ang=69deg
HRBS	19:56:06	19:59:43	Importance=85	Qual=01	
UVSP	19:52		Peak,...C/S=50	Qual=01	
			Wave length=2788A	Code=00	
				Tot Cts=286	MaxkeV=67 Flags=I
				Exp # = 44650	Rast = 243" x 243" Step=3" Pitch=-340", Yaw=+932"

<b>Event # = 8271</b>					
86/10/17 23:23		<b>SMM Pointing:</b>		<b>N21E88</b>	
		<b>D0V=290</b>			
<b>Start</b>		<b>End times</b>			
GOES 23:09		Peak 23:32		Qual=01	
HXRBs 23:12:40		23:12:47 23:13:03		Qual=01	
UVSP 23:00		WaveLength=1375A		Code=00	
Radio Sweeps		Type/Intensity: III/I1		Exp # = 44655	
				MaxKey=67	
				Rast=265"x265"	
				Step=5"	
				Pitch=-340", Yaw=+932"	
				Pitch=-336", Yaw=+902", Roll=0deg	
				H.Ang=86deg	

Event # = 21273		86/10/18		DOY=291	
86/10/18, 00:33	DOY=291	SMM Pointing:	N21E88	Pitch=-336", Yaw=+902", Roll=0deg	H. Ang=86deg
Start	Peak	End times			
Optical					
GOES	00:24	00:33	Ha...Class=IN	Mac.=DKC	H. Ang=66deg
BCS	00:32	00:32	Importance=C1	AR4750	
FCS	00:32	00:35	CaPeak.c/s=28	FePeak=00:32	
UVSP	00:33		WaveLength=1375A	dt= 7.7s	XEN=629100
Radio	Frequency (MHz)/Flux(sfu):		Code=02	Step=0"	3840s/pixel
			245/4600 410/930	Step=10"	Pitch=-338", Yaw=+930"
Event # = 8272		86/10/18, 03:41		DOY=291	
86/10/18, 03:41	DOY=291	SMM Pointing:	N21E88	Pitch=-336", Yaw=+902", Roll=0deg	H. Ang=86deg
Start	Peak	End times			
Optical					
GOES	03:20	03:41	Ha...Class=SF	Mac.=DKC	H. Ang=67deg
HRBS	03:40:40	03:41:28	Importance=C2	AR4750	
BCS	03:42	03:43	Peak...c/s=523	MaxkeV=122	
FCS	03:42	03:47	CaPeak.c/s=51	dt= 3.8s	XEN=629101
UVSP	03:41		WaveLength=1375A	Step=15"	Cad= 262s
Radio	Type/Intensity:		Code=02	Step=10"	Pitch=-338", Yaw=+930"
			III/2 V/3		
			245/36		
Event # = 21274		86/10/18, 04:15		DOY=291	
86/10/18, 04:15	DOY=291	SMM Pointing:	N21E88	Pitch=-336", Yaw=+902", Roll=0deg	H. Ang=86deg
Start	Peak	End times			
Optical					
GOES	04:00	04:15	Ha...Class=SF	Mac.=DKC	H. Ang=72deg
BCS	04:05	04:09	Importance=C1	AR4750	
FCS	04:13	04:28	CaPeak.c/s=35	FePeak=04:06	
UVSP	04:13		WaveLength=1375A	dt= 7.7s	XEN=629102
Radio	Type/Intensity:		Code=00	Step=10"	Cad= 590s
			III/1	Step=0"	Pitch=-303", Yaw=+835"
Event # = 21275		86/10/18, 05:19		DOY=291	
86/10/18, 05:19	DOY=291	SMM Pointing:	N21E88	Pitch=-336", Yaw=+902", Roll=0deg	H. Ang=86deg
Start	Peak	End times			
Optical					
GOES	05:09	05:19	Ha...Class=SF	Mac.=DKC	H. Ang=86deg
BCS	05:17	05:22	Importance=C1	AR4750	
FCS	05:17	05:37	CaPeak.c/s=40	FePeak=05:18	
UVSP	05:17		WaveLength=1375A	dt= 7.7s	XEN=629103
Radio	Type/Intensity:		Code=00	Step=0"	Cad=1.02s
			III/1	Step=0"	Pitch=-313", Yaw=+835"
Event # = 8273		86/10/18, 12:20		DOY=291	
86/10/18, 12:20	DOY=291	SMM Pointing:	N21E67	Pitch=-336", Yaw=+902", Roll=0deg	H. Ang=86deg
Start	Peak	End times			
Optical					
GOES	12:10	12:20	Ha...Class=SN	Mac.=DKC	H. Ang=67deg
HRBS	12:14:49	12:16:03	Importance=C1	AR4750	
BCS	12:18	12:21	Peak...c/s=113	MaxkeV=67	
FCS	12:18	12:29	CaPeak.c/s=27	dt= 7.7s	XEN=629104
UVSP	12:15		WaveLength=1375A	Step=10"	Cad= 590s
Radio	Type/Intensity:		Code=00	Step=0"	Pitch=-333", Yaw=+835"
			III/1		

Event # = 8340	86/10/18, 14:01	DOY=291	Start	End times	Ha...Class=SF	N23E66	AR4750	Mac.=DKC	Carr. Lon.=231deg	H. Ang.=66deg
Optical	GOES	13:51	14:01	14:10	Importance=C3	Qual=03				
HXRBS	13:55:46	13:56:01	13:56:20	Peak...c/s=57	Qual=01		Tot Cts=172	MaxkeV=67	Flags=I	
UVSP	13:58			Wavelength=1375A	Code=00		Exp #=44759	Rast=30"x30"	Pitch=-303", Yaw=+825"	
86/10/19 DOY=292										
Event # = 8274	86/10/19, 00:50	DOY=292	Start	End times	SMM Pointing:	N17E62		Pitch=-239", Yaw=+818", Roll=0deg	H. Ang.=62deg	
Optical	GOES	00:23	00:50	02:56	Ha...Class=2B	N21E62	AR4750	Mac.=EKI	Carr. Lon.=229deg	H. Ang.=62deg
HXRBS	00:20:05	00:43:30	01:01:58	Importance=M5	Qual=03					
BCS	00:46	00:46	01:02	Peak...c/s=3110	Qual=03		Tot Cts=2.00E+6	MaxkeV=412	Flags=M5, EN	
FCS				CaPeak...c/s=2914	Qual= 5		FePeak=00:46	FePeak.c/s=908	#Peaks=1	XEN=629200
UVSP	00:37			Wavelength=1375A	Code=00		Exp #=44798	Rast=300"x300"	dt= 7.7s	Cad= 922s
Radio	Sweeps	Type/Intensity:							Step=10"	XEN=629200
Radio	Frequency (MHz)/Flux(sfu):								Step=0"	Pitch=-335", Yaw=+783"
86/10/19, 10:01 DOY=292										
Optical	GOES	09:51	10:01	10:12	SMM Pointing:	N17E57		Pitch=-233", Yaw=+777", Roll=0deg	H. Ang.=57deg	
HXRBS	09:59	09:59	10:05	Importance=C1	Qual=05					
FCS				CaPeak...c/s=28	Qual= 1		FePeak=09:59	FePeak.c/s=9	#Peaks=2	XEN=629201
UVSP	09:49	10:02		Peak3...c/s=15			Exp #=44864	Rast=0"x0"	dt= 7.7s	Cad=1.02s
				Wavelength=1375A	Code=00			Rast=30"x30"	Step=0"	Pitch=-348", Yaw=+751"
86/10/19, 16:35 DOY=292										
Optical	GOES	16:24	16:35	16:43	SMM Pointing:	N17E53	AR4750	Pitch=-228", Yaw=+736", Roll=0deg	H. Ang.=53deg	
HXRBS	16:29:28	16:39:12	16:41:25	Importance=C1	Qual=01			Mac.=EKI	Carr. Lon.=232deg	H. Ang.=51deg
BCS	16:31	16:34	16:41	Peak...c/s=89	Qual=01		Tot Cts=3311	MaxkeV=122	Flags=I	
FCS				CaPeak...c/s=36	Qual= 1		FePeak=16:33	FePeak.c/s=11	#Peaks=2	XEN=629202
UVSP	16:35			Wavelength=1375A	Code=02		Exp #=44908	Rast=0"x0"	dt= 7.7s	Cad=1.02s
								Rast=30"x30"	Step=0"	Pitch=-314", Yaw=+667"
86/10/19, 16:46 DOY=292										
Optical	GOES	16:41:28	16:46	16:49:44	SMM Pointing:	N17E53		Pitch=-228", Yaw=+736", Roll=0deg	H. Ang.=53deg	
HXRBS	16:41:28	16:46:20	16:49:44	Peak...c/s=57	Qual=01		Tot Cts=4699	MaxkeV=306	Flags=I, AX	
UVSP	16:35			Wavelength=1375A	Qual=00		Exp #=44908	Rast=30"x30"	Step=0"	Pitch=-314", Yaw=+667"

Event # = 8275									
86/10/19, 20:30	DOY=292	Peak	End times	SMM Pointing:	N19E55		Pitch=-262", Yaw=+744", Roll=0deg	H.Ang=55deg	
Optical				Ha...Class=1F	N18E58		Mac.=EKI	Carr.Lon.=222deg	H.Ang=58deg
GOES 20:20	20:30	20:40		Importance=86	Qual=01		MaxkeV=94		
HXRBS 20:31:43	20:31:56	20:33:14		Peak...c/s=122	Qual=01	Tot Cts=728	FePeak.c/s=7	dt= 7.7s	XEN=629203
BCS 20:32	20:33	20:35		CaPeak.c/s=27	Qual= 4	FePeak=20:32	Rast=0"x0"	Cad=3840s	3840s/pixel
FCS							Rast=243"x243"	Pitch=-265", Yaw=+768"	
UVSP 20:36				Wavelength=2788A	Code=02	Exp #=44923			
Radio Sweeps	Type/Intensity:			V/2					
Radio Frequency(MHz)/Flux(sfu):	245/11000								
Event # = 8276									
86/10/19, 21:18	DOY=292	Peak	End times	SMM Pointing:	N19E55		Pitch=-262", Yaw=+744", Roll=0deg	H.Ang=55deg	
Optical				Ha...Class=SN	N21E48		Mac.=EKI	Carr.Lon.=232deg	H.Ang=49deg
GOES 21:00	21:18	21:50		Importance=C5	Qual=03		MaxkeV=67		
HXRBS 21:05:27	21:12:17	21:14:47		Peak...c/s=106	Qual=01	Tot Cts=4065	FePeak.c/s=39	dt= 3.8s	XEN=629204
BCS 21:09	21:15	21:16		CaPeak.c/s=157	Qual= 1	FePeak=21:14	Rast=115"x115"	Cad=1083s	2.048s/pixel
FCS							Rast=243"x243"	Pitch=-265", Yaw=+768"	
UVSP 20:36				Wavelength=2788A	Code=00	Exp #=44923			
Event # = 8277									
86/10/20, 03:28	DOY=293	Peak	End times	SMM Pointing:	N19E51		Pitch=-258", Yaw=+710", Roll=0deg	H.Ang=51deg	
Optical				Ha...Class=SF	N22E45		Mac.=EKI	Carr.Lon.=231deg	H.Ang=46deg
GOES 03:09	03:28	03:37		Importance=C1	Qual=01		MaxkeV=122		
HXRBS 03:24:12	03:24:38	03:26:00		Peak...c/s=313	Qual=01	Tot Cts=7757	FePeak.c/s=9	dt= 7.7s	XEN=629300
BCS 03:25	03:25	03:29		CaPeak.c/s=29	Qual= 1	FePeak=03:25	Rast=0"x0"	Cad=1.02s	1.024s/pixel
FCS							Rast=30"x30"	Pitch=-294", Yaw=+655"	
UVSP 03:22				Wavelength=1375A	Code=00	Exp #=44948			
Radio Sweeps	Type/Intensity:			I11/2					
Radio Frequency(MHz)/Flux(sfu):	245/1100	410/2600	606/4000	4995/670	8800/490	15400/720			
HXRBS 03:22:11	03:22:44	03:23:57		Peak...c/s=173	Qual=01	Tot Cts=2810	MaxkeV=94		
Event # = 8343									
86/10/20, 08:01	DOY=293	Peak	End times	SMM Pointing:	N19E48		Pitch=-255", Yaw=+677", Roll=0deg	H.Ang=49deg	
Optical				Ha...Class=1N	N22E43		Mac.=EKI	Carr.Lon.=231deg	H.Ang=45deg
GOES 07:50	08:01	08:12		Importance=C2	Qual=01		MaxkeV=94	Flags=1	
HXRBS 07:55:37	07:56:09	07:56:28		Peak...c/s=83	Qual=01	Tot Cts=383	Rast=30"x30"	Pitch=-341", Yaw=+649"	
UVSP 07:56				Wavelength=1375A	Code=00	Exp #=44982			
Radio Frequency(MHz)/Flux(sfu):	245/2500	410/590							
Event # = 8279									
86/10/20, 12:44	DOY=293	Peak	End times	SMM Pointing:	N19E46		Pitch=-252", Yaw=+657", Roll=0deg	H.Ang=47deg	
Optical				Ha...Class=SF	N23E41		Mac.=EKI	Carr.Lon.=230deg	H.Ang=43deg
GOES 12:35	12:44	12:56		Importance=B4	Qual=01		MaxkeV=67		
HXRBS 12:42:37	12:43:00	12:43:27		Peak...c/s=52	Qual=01	Tot Cts=45012	Rast=30"x30"	Pitch=-288", Yaw=+602"	
UVSP 12:33				Wavelength=1375A	Code=00	Exp #=45012			



Event # = 8280	DOY=293	Peak	SMM Pointing:	N19E44	Pitch=-251", Yaw=+637", Roll=0deg	H. Ang=45deg
86/10/20 14:53	Start	End times	Ha...Class=SF	N22E41	Mac.=EKI	Carr. Lon.=229deg
Optical	14:40	14:53	Importance=B4	Qual=02	MaxkeV=67	H. Ang=43deg
GOES	14:46:31	14:46:44	Peak...c/s=62	Qual=01	Rast=30"x30"	Step=0"
HXRBS	14:46:31	14:46:53	Wavelength=1375A	Code=01	Pitch=-178", Yaw=+708"	
UVSP	14:50		Frequency(MHz)/Flux(sfu): 8800/1200	Exp #=45028		
Radio						
Event # = 8281	DOY=293	Peak	SMM Pointing:	N21E41	Pitch=-280", Yaw=+590", Roll=0deg	H. Ang=43deg
86/10/20 15:40	Start	End times	Ha...Class=SF	Qual=00	MaxkeV=67	
Optical	15:39:27	15:40:04	Importance=B4	Qual=01	Rast=280"x280"	Pitch=-281", Yaw=+616"
GOES	15:40		Peak...c/s=69	Exp #=45031		
HXRBS	15:40		Wavelength=1375A			
UVSP						
Event # = 8282	DOY=293	Peak	SMM Pointing:	N21E39	Pitch=-278", Yaw=+569", Roll=0deg	H. Ang=41deg
86/10/20 19:09	Start	End times	Ha...Class=SF	Qual=06	MaxkeV=67	
Optical	19:08:17	19:09:36	Importance=B7	Qual=01	Rast=30"x30"	Pitch=-335", Yaw=+578"
GOES	19:05		CaPeak.c/s=23	Tot Cts=732		
HXRBS	19:05		Wavelength=1375A	Exp #=45050		
UVSP						
Event # = 21277	DOY=294	Peak	SMM Pointing:	N21E32	Pitch=-272", Yaw=+477", Roll=0deg	H. Ang=35deg
86/10/21 08:51	Start	End times	Ha...Class=SF	Qual=01	Mac.=EAI	Carr. Lon.=227deg
Optical	08:37	09:10	Importance=B7	Qual=1	FePeak.c/s=10	dt= 7.7s XEN=629400
GOES	08:49	08:52	CaPeak.c/s=23	FePeak=08:49	Rast=0"x0"	Step=0"
BCS	08:49		Wavelength=1375A	Exp #=45118	Rast=30"x30"	Pitch=-359", Yaw=+473"
FCS	08:44					
UVSP						
Event # = 8283	DOY=295	Peak	SMM Pointing:	N21E17	Pitch=-264", Yaw=+263", Roll=0deg	H. Ang=23deg
86/10/22 12:25	Start	End times	Ha...Class=SF	Qual=00	MaxkeV=67	
Optical	12:24:20	12:25:05	Importance=B6	Qual=01	Rast=30"x30"	Step=0"
GOES	12:24		CaPeak.c/s=19	Tot Cts=1044		Pitch=-211", Yaw=+158"
HXRBS	12:24		Wavelength=1375A	Exp #=45274		
UVSP						
Event # = 21278	DOY=296	Peak	SMM Pointing:	N21E08	Pitch=-262", Yaw=+133", Roll=0deg	H. Ang=18deg
86/10/23 04:06	Start	End times	Ha...Class=SN	Qual=02	Mac.=EKI	Carr. Lon.=230deg
Optical	03:55	04:30	Importance=B6	Qual=1	FePeak.c/s=10	dt= 7.7s XEN=629600
GOES	04:04	04:06	CaPeak.c/s=19	FePeak=04:04	Rast=300"x300"	Cad= 922s 1.024s/pixel
BCS	04:04		Wavelength=1375A	Exp #=45322	Rast=30"x30"	Pitch=-329", Yaw=+168"
FCS	04:01					
UVSP						

86/10/24 DOY=297									
Event # = 21279	86/10/24, 04:40	DOY=297	SMM Pointing:	N21W05	AR4750	Pitch=-262", Yaw=-81", Roll=0deg	H. Ang=16deg		
Optical	Start	End times	Ha...Class=SF	N25W02		Mac.=EAI	H. Ang=20deg		
GOES	04:20	04:55	Importance=B8	Qual=01		FePeak.c/s=7	dt= 7.7s	XEN=629700	
BCS	04:37	04:41	CaPeak.c/s=19	Qual= 1	FePeak=04:37	Rast=300"x300"	Cad= 922s	1.024s/pixel	
FCS	04:38		Peak3..c/s=14			Rast=30"x30"	Pitch=0"	Yaw=-40"	
UVSP	04:33		Wavelength=1375A	Code=00	Exp #=45423				
Event # = 21280									
86/10/24, 05:34	DOY=297		SMM Pointing:	N21W05	AR4750	Pitch=-262", Yaw=-81", Roll=0deg	H. Ang=16deg		
Optical	Start	End times	Ha...Class=IN	N25W03		Mac.=EAI	H. Ang=20deg		
GOES	05:24	06:25	Importance=C1	Qual=05		FePeak.c/s=8	dt= 7.8s	XEN=629701	
BCS	05:51	05:56	CaPeak.c/s=38	Qual= 4	FePeak=05:52	Rast=240"x240"	Cad= 262s	1.024s/pixel	
FCS	05:51		Peak3..c/s=22			Rast=180"x1"	Pitch=0"	Yaw=-60"	
UVSP	05:46		Wavelength=2788A		Exp #=45428				
Event # = 8284									
86/10/24, 12:42	DOY=297		SMM Pointing:	N21W09		Pitch=-263", Yaw=-148", Roll=0deg	H. Ang=18deg		
Optical	Start	End times	Importance=C2	Qual=03		MaxkeV=151			
GOES	12:30	13:10	Peak...c/s=946	Qual=01	Tot Cts=32066	FePeak.c/s=52	dt= 3.8s	XEN=629702	
HRBS	12:37:57	12:40:54	CaPeak.c/s=166	Qual= 1	FePeak=12:40	Rast=0"x0"	Cad= 860s	860.4s/pixel	
BCS	12:39	12:45	Peak3..c/s=144			Rast=180"x1"	Pitch=0"	Yaw=-122"	
FCS	12:45		Wavelength=2788A		Exp #=45437				
UVSP	13:01		4995/38 8800/110 15400/67						
Radio	Frequency(MHz)/Flux(sfu):								
Event # = 8345									
86/10/24, 20:12	DOY=297		SMM Pointing:	N22W12	AR4750	Pitch=-137", Yaw=+958", Roll=0deg	H. Ang=21deg		
Optical	Start	End times	Ha...Class=SF	N22W12		Mac.=EAI			
GOES	20:00	20:30	Importance=B5	Qual=01		MaxkeV=67	Flags=I		
HRBS	20:06:00	20:06:24	Peak...c/s=61	Qual=01	Tot Cts=151	Rast=265"x265"	Pitch=-138", Yaw=+985"		
UVSP	20:00		Wavelength=1375A	Code=00	Exp #=45447				
Event # = 21281									
86/10/24, 23:29	DOY=297		SMM Pointing:	N21W15	AR4750	Pitch=-265", Yaw=-240", Roll=0deg	H. Ang=22deg		
Optical	Start	End times	Ha...Class=SF	N23W16		Mac.=EAI	H. Ang=24deg		
GOES	23:14	23:52	Importance=B7	Qual=01		FePeak.c/s=9	dt= 7.7s	XEN=629703	
BCS	23:25	23:30	CaPeak.c/s=23	Qual= 1	FePeak=23:25	Rast=0"x0"	Cad=1.02s	1.024s/pixel	
FCS	23:25		Wavelength=1375A	Code=00		Rast=30"x30"	Pitch=0"	Yaw=-219"	
UVSP	23:25		111/1	Exp #=45462					
Radio	Sweeps	Type/Intensity:							
86/10/26 DOY=299									
Event # = 8346	86/10/26, 01:56	DOY=299	SMM Pointing:	N21W30	AR4750	Pitch=-277", Yaw=-449", Roll=0deg	H. Ang=33deg		
Optical	Start	End times	Ha...Class=SF	N24W29		Mac.=EAI	H. Ang=34deg		
GOES	01:46	02:16	Importance=B5	Qual=01		MaxkeV=122	Flags=I		
HRBS	01:53:00	01:53:16	Peak...c/s=87	Qual=01	Tot Cts=642	Rast=30"x30"	Step=0"	Pitch=-324", Yaw=-437"	
UVSP	01:53		Wavelength=1375A	Code=00	Exp #=45512				

86/10/28 DOY=301				86/10/28 DOY=301			
Event # = 8286	86/10/28, 20:14	DOY=301	SMM Pointing:	N21W65	Pitch=-314", Yaw=-817", Roll=0deg	H. Ang=65deg	
Start	20:14	Peak	Importance=B8	Qual=01			
GOES	20:06	20:14	Peak...c/s=116	Qual=01			
HXRBS*	20:09:18	20:10:16	Wavelength=2788A	Code=00	MaxkeV=40		
UVSP	19:54	20:11:44			Rast=243"x243"	Pitch=3" Step=3" Yaw=-793"	
Event # = 8285	86/10/28, 21:29	DOY=301	SMM Pointing:	S25W32	Pitch=+467", Yaw=-460", Roll=0deg	H. Ang=43deg	
Start	21:29	Peak	Ha...Class=SF	N22W61	Mac.=CS0	Carr. Lon.=222deg	H. Ang=61deg
GOES	21:00	21:29	Importance=C1	Qual=04			
HXRBS*	21:24:35	21:25:07	Peak...c/s=161	Qual=01	MaxkeV=57		
UVSP	21:28	21:26:53	Wavelength=2788A	Code=00	Rast=243"x243"	Pitch=+463", Yaw=-431"	
Event # = 8347	86/10/30, 00:20	DOY=303	SMM Pointing:		Pitch=+0", Yaw=+998", Roll=0deg		
Start	00:20	Peak	Importance=B5	Qual=01			
GOES	00:10	00:24	Peak...c/s=207	Qual=01	MaxkeV=122	Flags=I	
HXRBS	00:16:29	00:17:32	Wavelength=1375A	Code=00	Rast=265"x265"	Step=5" Pitch=-4", Yaw=+1026"	
UVSP	00:09	00:17:32	III/1				
Radio Sweeps	Type/Intensity:						
Radio Frequency (MHz)/Flux (sfu):	245/15000 410/870 606/260 1415/130 4995/130						
Event # = 8348	86/10/30, 00:35	DOY=303	SMM Pointing:		Pitch=+235", Yaw=+996", Roll=0deg		
Start	00:35	Peak	Importance=B6	Qual=01			
GOES	00:24	00:40	Peak...c/s=61	Qual=01	MaxkeV=67	Flags=I	
HXRBS	00:31:03	00:32:07	Wavelength=1375A	Code=00	Rast=265"x265"	Step=5" Pitch=+236", Yaw=+1026"	
UVSP	00:33						
Event # = 8350	86/10/30, 09:58	DOY=303	SMM Pointing:				
Start	09:58	Peak	Importance=C1	Qual=01	MaxkeV=67	Flags=I	
GOES	09:47	10:00	Peak...c/s=66	Qual=01	FePeak.c/s=13	#Peaks=1 dt= 7.7s XEN=630300	
HXRBS	09:54:29	09:54:42	CaPeak.c/s=52	Qual= 1	Rast=0"x0"	Cad= 860s 860.4s/pixel	
BCS	09:53	09:56	Peak3...c/s=380		Rast=180"x1"	Step=0" Pitch=-380", Yaw=-687"	
FCS	09:59		Wavelength=2788A				
UVSP	09:29						
Event # = 12756	86/10/30, 10:06	DOY=303	SMM Pointing:				
Start	10:06	Peak	Importance=C1	Qual=01	MaxkeV=151	Flags=NS,GB	
GOES	10:06	10:06	Peak...c/s=86	Qual=01	Rast=180"x1"	Step=0" Pitch=-380", Yaw=-687"	
HXRBS	10:06:30	10:06:35	Wavelength=2788A				
UVSP	10:26						
Event # = 21282	86/10/30, 10:08	DOY=303	SMM Pointing:				
Start	10:08	Peak	Importance=C1	Qual=01	FePeak.c/s=12	#Peaks=2 dt= 7.7s XEN=630301	
GOES	10:06	10:08	CaPeak.c/s=38	Qual= 1	Rast=0"x0"	Step=0" Cad= 860s 860.4s/pixel	
BCS	10:04	10:06	Peak3...c/s=205		Rast=180"x1"	Step=0" Pitch=-380", Yaw=-687"	
FCS	10:04		Wavelength=2788A				
UVSP	10:26						

Event # = 21283		86/10/31		DOY=304	
86/10/31, 22:02	Peak	DOY=304	SMM Pointing:	S02E33	Pitch=+96", Yaw=+529", Roll=0deg
Optical	End times		Ha...Class=SF	N00E32	Mac.=BX0 Carr.Lon.=89deg
GOES			Qual=00	AR4755	H.Ang=32deg
BCS	21:42	22:02	CaPeak.c/s=44	FePeak=22:16	FePeak.c/s=8 dt= 7.7s XEN=630400
FCS			Wavelength=1375A	Exp #=45753	Rast=300"x300" Cad= 922s 1.024s/pixel
UVSP	21:59		Frequency(MHz)/Flux(sfu): 245/89		Rast=30"x30" Pitch=0" Pitch=+29", Yaw=+519"
Event # = 21284		86/11/01		DOY=305	
86/11/01, 06:21	Peak	DOY=305	SMM Pointing:	S02E29	Pitch=+466", Yaw=-99", Roll=90deg
GOES	06:10	06:21	Importance=B9	Qual=03	H.Ang=29deg
BCS	06:19	06:19	CaPeak.c/s=18	Qual=1	FePeak=06:19
FCS			Wavelength=1375A	Code=00	FePeak.c/s=12 dt= 7.7s XEN=630500
UVSP	06:18			Exp #=45800	Rast=0"x0" Cad=1.02s 1.024s/pixel
Event # = 21285		86/11/01, 09:11		DOY=305	
86/11/01, 09:11	Peak	DOY=305	SMM Pointing:		Pitch=-483", Yaw=+877", Roll=0deg
Optical	End times		Ha...Class=IF	N00E12	Mac.=HHX Carr.Lon.=103deg
GOES			Qual=00	AR4754	H.Ang=13deg
BCS	08:42	09:11	CaPeak.c/s=40	FePeak=09:20	FePeak.c/s=17 dt= 7.7s XEN=630501
FCS			Wavelength=1375A	Exp #=45807	Rast=300"x300" Cad= 922s 1.024s/pixel
UVSP	08:45				Rast=265"x265" Pitch=5" Pitch=+96", Yaw=+469"
Event # = 21286		86/11/04		DOY=308	
86/11/04, 18:33	Peak	DOY=308	SMM Pointing:	S04W26	Pitch=+128", Yaw=-430", Roll=0deg
GOES	18:19	18:33	Importance=B6	Qual=04	H.Ang=28deg
BCS	18:26	18:26	CaPeak.c/s=19	Qual=1	FePeak=18:26
FCS			Wavelength=2788A	Code=01	FePeak.c/s=7 dt= 7.8s XEN=630800
UVSP	18:18			Exp #=45914	Rast=300"x300" Cad= 922s 1.024s/pixel
Event # = 8287		86/11/05		DOY=309	
86/11/05, 08:10	Peak	DOY=309	SMM Pointing:	N01W40	Pitch=-626", Yaw=-40", Roll=90deg
GOES	07:30	08:10	Importance=B9	Qual=02	H.Ang=40deg
HXRBS	07:33:56	07:34:57	Peak...c/s=67	Qual=01	
UVSP	08:58		Wavelength=2788A	Tot Cts=526	MaxkeV=67
Event # = 21287		86/11/05, 21:40		DOY=309	
86/11/05, 21:40	Peak	DOY=309	SMM Pointing:	S04W37	Pitch=+119", Yaw=-584", Roll=0deg
Optical	End times		Ha...Class=SN	N01W32	Mac.=CR0 Carr.Lon.=87deg
GOES	21:21	21:40	Importance=C1	Qual=03	H.Ang=32deg
BCS	21:36	21:38	CaPeak.c/s=40	Qual=1	FePeak=21:37
FCS			Wavelength=2788A	Exp #=45948	FePeak.c/s=11 dt= 7.7s XEN=630900
UVSP	22:00				Rast=0"x0" Cad=41.0s 40.96s/pixel

Event # = 8288		86/11/06		DOY=310	
86/11/06,02:29	DOY=310	SMM Pointing:		Pitch=+117",Yaw=-619",Roll=0deg	
Optical	Start	End times		H.Ang=41deg	
GOES 01:42	02:29	Ha...Class=SF		Mac.=CS0	
HRBS 02:19:46	02:21:37	Importance=82		Carr. Lon.=87deg	
UVSP 02:43	02:22:00	Peak...c/s=81		H.Ang=34deg	
Radio	Frequency(MHz)/Flux(sfu):	245/380		MaxkeV=67	
				Rast=180"x1"	
				Step=0" Pitch=+113",Yaw=-591"	
Event # = 8289		86/11/06		DOY=310	
86/11/06,05:39	DOY=310	SMM Pointing:		Pitch=+116",Yaw=-641",Roll=0deg	
Optical	Start	End times		H.Ang=42deg	
GOES 05:23	05:39	Importance=C1		Mac.=CS0	
HRBS 05:36:06	05:36:16	Peak...c/s=62		Carr. Lon.=87deg	
BCS 05:37	05:38	CaPeak.c/s=42		H.Ang=36deg	
FCS 05:39	05:39	Peak3...c/s=107		MaxkeV=67	
UVSP 05:50	05:50	Wavelength=2788A		FePeak.c/s=17	
				#Peaks=1 dt= 3.8s	
				Step=0" Cad= 922s	
				Rast=180"x1" Pitch=+112",Yaw=-613"	
Event # = 8290		86/11/07		DOY=311	
86/11/07,06:28	DOY=311	SMM Pointing:		Pitch=-247",Yaw=+998",Roll=0deg	
Optical	Start	End times		H.Ang=49deg	
GOES 06:15	06:28	Ha...Class=SF		Mac.=CA0	
HRBS 06:22:53	06:23:21	Importance=B3		Carr. Lon.=86deg	
UVSP 06:20	06:24:28	Peak...c/s=60		H.Ang=49deg	
Radio	Type/Intensity:	III/1 V/2		MaxkeV=67	
				Rast=265"x265"	
				Step=5" Pitch=-244",Yaw=+1028"	
Event # = 12757		86/11/09		DOY=313	
86/11/09,05:28	DOY=313	SMM Pointing:		Pitch=+16",Yaw=-969",Roll=0deg	
Optical	Start	End times		H.Ang=87deg	
GOES 05:28:58	05:28:59	Ha...Class=SF		MaxkeV=562	
HRBS 05:28:58	05:29:01	Importance=B3		Rast=265"x265"	
UVSP 05:18	05:29:01	Peak...c/s=194		Flags=NS,GB	
Radio	Wavelength=1375A	Wavelength=1375A		Step=5" Pitch=+13",Yaw=-939"	
Event # = 8351		86/11/11		DOY=315	
86/11/11,04:33	DOY=315	SMM Pointing:		Pitch=+50",Yaw=-1004",Roll=0deg	
Optical	Start	End times		H.Ang=87deg	
GOES 04:26:14	04:33:38	Ha...Class=SF		MaxkeV=180	
HRBS 04:26:14	04:33:38	Importance=B3		Rast=180"x1"	
UVSP 04:19	04:37:48	Peak...c/s=246		Flags=I	
Radio	Wavelength=2788A	Wavelength=2788A		Step=0" Pitch=+46",Yaw=-796"	
Event # = 8291		86/11/13		DOY=317	
86/11/13,02:11	DOY=317	SMM Pointing:		Pitch=-2",Yaw=-1",Roll=0deg	
Optical	Start	End times		H.Ang=0deg	
GOES 02:11:01	02:11:42	Ha...Class=SF		MaxkeV=151	
HRBS 02:11:01	02:14:55	Importance=B3		Rast=243"x243"	
UVSP 02:00	02:14:55	Peak...c/s=150		Step=3" Pitch=-449",Yaw=+614"	
Radio	Wavelength=2788A	Wavelength=2788A			



[illegible]

Event # = 8349		87/02/22		DOY=53	
87/02/22,18:21	DOY=53	SMM Pointing:		Pitch=+353",Yaw=+571",Roll=0deg	
Start	Peak	End times		H.Ang=44deg	
GOES		Qual=00			
HXRBS*	18:19:45	18:21:57	18:22:18	MaxkeV=41	
UVSP	18:03			Rast=180"x1"	
				Tot Cts=1177	
				Exp #=48841	
				Step=0"	
				Pitch=+347",Yaw=+629"	
Event # = 8353		87/03/02		DOY=61	
87/03/02,12:24	DOY=61	SMM Pointing:		Pitch=-115",Yaw=-672",Roll=-90deg	
Start	Peak	End times		H.Ang=45deg	
HXRBS	12:24:33	12:24:43	12:25:08	MaxkeV=571	
UVSP	12:24			Rast=180"x1"	
				Tot Cts=259	
				Exp #=49038	
				Step=0"	
				Pitch=-115",Yaw=-615"	
Event # = 8352		87/03/02		DOY=61	
87/03/02,16:22	DOY=61	SMM Pointing:		Pitch=-88",Yaw=-673",Roll=-90deg	
Start	Peak	End times		H.Ang=44deg	
GOES		Qual=00			
HXRBS	16:21:59	16:22:01	16:22:13	MaxkeV=68	
UVSP	16:08			Rast=3"x3"	
				Tot Cts=181	
				Exp #=49042	
				Step=0"	
				Pitch=-96",Yaw=-659"	
Event # = 8354		87/03/04		DOY=63	
87/03/04,13:54	DOY=63	SMM Pointing:		Pitch=+186",Yaw=-741",Roll=-90deg	
Start	Peak	End times		H.Ang=52deg	
HXRBS	13:53:15	13:54:13	13:55:06	MaxkeV=571	
UVSP	13:43			Rast=180"x1"	
				Tot Cts=785	
				Exp #=49115	
				Step=0"	
				Pitch=+187",Yaw=-683"	
Event # = 8355		87/03/06		DOY=65	
87/03/06,12:15	DOY=65	SMM Pointing:		Pitch=-788",Yaw=-486",Roll=-90deg	
Start	Peak	End times		H.Ang=73deg	
GOES	12:10	12:15	12:20		
HXRBS	12:17:10	12:17:18	12:19:15	MaxkeV=571	
UVSP	12:09			Rast=265"x265"	
				Tot Cts=4160	
				Exp #=49165	
				Step=5"	
				Pitch=-795",Yaw=-427"	
Event # = 8397		87/03/11		DOY=70	
87/03/11,23:44	DOY=70	SMM Pointing:		Pitch=+0",Yaw=+0",Roll=0deg	
Start	Peak	End times		H.Ang=0deg	
HXRBS	23:44:21	23:44:39	23:47:13	MaxkeV=459	
UVSP	23:16			Rast=180"x1"	
				Tot Cts=4231	
				Exp #=49304	
				Step=0"	
				Pitch=-7",Yaw=+57"	
Event # = 8398		87/03/13		DOY=72	
87/03/13,13:42	DOY=72	SMM Pointing:		Pitch=-6",Yaw=+2",Roll=23deg	
Start	Peak	End times		H.Ang=0deg	
HXRBS	13:33:58	13:42:30	13:43:13	MaxkeV=96	
UVSP				Flags=I	
				Tot Cts=3966	
				Exp #=49304	
				Step=0"	
				Pitch=-7",Yaw=+57"	



Event # = 8357		87/03/16		DOY=75	
87/03/16, 12:40	DOY=75	SMM Pointing:		Pitch=+0", Yaw=+0", Roll=0deg	
GOES 12:34	Peak	End times		H. Ang=0deg	
12:34	12:40	13:06			
12:33:12	12:34:12	12:35:42			
HXRBS	Qual=01	Tot Cts=2041		MaxkeV=154	
	Peak...c/s=78			Flags=AX	
Event # = 8360		87/03/30		DOY=89	
87/03/30, 21:54	DOY=89	SMM Pointing:		Pitch=-246", Yaw=-249", Roll=-90deg	
GOES 21:54	Peak	End times		H. Ang=21deg	
21:54	21:55:02	21:55:02			
21:54:40	21:54:50	21:55:02			
HXRBS	Qual=01	Tot Cts=266		MaxkeV=313	
UVSP 22:15	WaveLength=2788A	Exp #=49907		Rast=180"x1"	
				Flags=AX, NS	
				Step=0" Pitch=-244", Yaw=-192"	
Event # = 8361		87/03/30		DOY=89	
87/03/30, 22:01	DOY=89	SMM Pointing:		Pitch=-246", Yaw=-249", Roll=-90deg	
GOES 22:01	Peak	End times		H. Ang=21deg	
22:01:20	22:01:26	22:01:33			
22:01:20	22:01:26	22:01:33			
HXRBS	Qual=01	Tot Cts=175		MaxkeV=573	
UVSP 22:15	WaveLength=2788A	Exp #=49907		Rast=180"x1"	
				Flags=AX, NS	
				Step=0" Pitch=-244", Yaw=-192"	
Event # = 8362		87/04/02		DOY=92	
87/04/02, 20:40	DOY=92	SMM Pointing:		Pitch=+467", Yaw=-223", Roll=-90deg	
GOES 20:40	Peak	End times		H. Ang=33deg	
20:40	20:40	20:50			
20:30:38	20:31:09	20:31:13			
HXRBS	Qual=01	Tot Cts=293		MaxkeV=573	
UVSP 20:57	WaveLength=2788A	Exp #=49976		Rast=180"x1"	
				Flags=AX, NS	
				Step=0" Pitch=+468", Yaw=-165"	
Event # = 8363		87/04/05		DOY=95	
87/04/05, 19:38	DOY=95	SMM Pointing:		Pitch=+290", Yaw=+646", Roll=0deg	
Optical	Peak	End times		H. Ang=47deg	
GOES 19:10	19:38	19:54			
19:33:40	19:36:36	19:38:04			
19:34	19:37	19:42			
HXRBS	Qual=01	Tot Cts=24486		Carr. Lon.=133deg	
BCS	Qual=01	FePeak=19:36		H. Ang=90deg	
FCS	Qual=1				
UVSP	Code=02	Exp #=50049			
Radio Sweeps	WaveLength=2788A				
Radio	III/1 V/1				
	Type/Intensity:				
	Frequency(MHz)/Flux(sfu):	245/60 410/45 606/75			
Event # = 8365		87/04/06		DOY=96	
87/04/06, 04:35	DOY=96	SMM Pointing:		Pitch=+477", Yaw=+831", Roll=0deg	
Optical	Peak	End times		H. Ang=86deg	
GOES 04:20	04:35	04:52			
04:28:05	04:30:06	04:34:57			
04:29	04:33	04:42			
HXRBS	Qual=01	Tot Cts=20746		Mac.=AXX	
BCS	Qual=01	FePeak=04:32		Carr. Lon.=136deg	
FCS	Qual=1			H. Ang=84deg	
UVSP	WaveLength=2788A	Exp #=50062			
Radio Sweeps	III/2				
Radio	Type/Intensity:				
	Frequency(MHz)/Flux(sfu):	245/38 410/27 606/31			

Event # = 21289									
87/04/06,11:13	DOY=96	Start	End times						
GOES	11:09	11:13	11:20	CaPeak.c/s=43	Qual=06	FePeak=11:12	FePeak.c/s=11	#Peaks=1	dt= 7.7s XEN=709601
BCS					Qual= 1		Rast=0"x0"	Step=0"	Cad=.26s 0.256s/pixel
FCS							Rast=180"x1"	Step=0"	Pitch=+470", Yaw=+1056"
UVSP	11:20			Wavelength=2788A		Exp #=50066			
Event # = 8364									
87/04/06,18:41	DOY=96	Start	End times						
HXRBS	18:40:58	18:41:30	18:42:53	Peak...c/s=70	Qual=01	Tot Cts=606	MaxkeV=96	Flags=AX, NS	
UVSP	18:35			Wavelength=1375A		Exp #=50083	Rast=30"x30"	Step=0"	Pitch=+497", Yaw=+817"
Event # = 21290									
87/04/06,23:03	DOY=96	Start	End times						
GOES	23:01	23:10	23:10	CaPeak.c/s=34	Qual=06	FePeak=23:02	FePeak.c/s=18	#Peaks=1	dt= 7.7s XEN=709602
BCS	23:03			Peak3...c/s=42	Qual= 4		Rast=0"x0"	Step=0"	Cad=3840s 3840s/pixel
FCS				Wave length=1375A		Exp #=50104	Rast=280"x280"	Step=10"	Pitch=+472", Yaw=+882"
UVSP	23:03								
87/04/07 DOY=97									
Event # = 21291									
87/04/07,18:50	DOY=97	Start	End times	SMM Pointing:	S30E58		Pitch=+433", Yaw=+705", Roll=0deg	H. Ang=60deg	
Optical				Ha...Class=1N	S35E66	AR4787	Mac.=CA0	Carr. Lon.=135deg	H. Ang=67deg
GOES	18:34	18:50	19:07	Importance=C1	Qual=02		FePeak.c/s=10	#Peaks=1	dt= 7.7s XEN=709700
BCS	18:44	18:48	18:50	CaPeak.c/s=43	Qual= 3	FePeak=18:46	Rast=0"x0"	Step=0"	Cad=.26s 0.256s/pixel
FCS				Peak3...c/s=20		Exp #=50175	Rast=30"x30"	Step=0"	Pitch=+492", Yaw=+725"
UVSP	18:36			Wave length=1375A	Code=01				
87/04/08 DOY=98									
Event # = 8366									
87/04/08,01:43	DOY=98	Start	End times	SMM Pointing:	S30E54		Pitch=+427", Yaw=+675", Roll=0deg	H. Ang=56deg	
GOES					Qual=06				
HXRBS	01:43:04	01:43:46	01:47:57	Peak...c/s=140	Qual=02	Tot Cts=11297	MaxkeV=184	Flags=SA, AX	
UVSP	01:45			Wavelength=1375A		Exp #=50208	Rast=280"x280"	Step=10"	Pitch=+422", Yaw=+720"
Event # = 12760									
87/04/08,10:17	DOY=98	Start	End times	SMM Pointing:	S30E49		Pitch=+422", Yaw=+631", Roll=0deg	H. Ang=52deg	
HXRBS	10:17:16	10:17:17	10:17:28	Peak...c/s=73	Qual=01	Tot Cts=117	MaxkeV=154	Flags=NS, GB	
UVSP	09:55			Wavelength=2788A		Exp #=50241	Rast=243"x243"	Step=3"	Pitch=+415", Yaw=+683"
Event # = 21292									
87/04/08,21:23	DOY=98	Start	End times	SMM Pointing:	S27E08		Pitch=+339", Yaw=+118", Roll=0deg	H. Ang=22deg	
Optical				Ha...Class=SB	S23E10	AR4786	Mac.=DKI	Carr. Lon.=176deg	H. Ang=19deg
GOES	21:16	21:23	21:30	Importance=C1	Qual=01		FePeak c/s=20	#Peaks=1	dt= 3.8s XEN=709800
BCS	21:16	21:22	21:31	CaPeak.c/s=49	Qual= 1	FePeak=21:21	Rast=0"x0"	Step=0"	Cad=.26s 0.256s/pixel
FCS				Peak3...c/s=171		Exp #=50279	Rast=30"x30"	Step=0"	Pitch=+270", Yaw=+108"
UVSP	21:18			Wavelength=1375A	Code=00				
Radio Sweeps									
				Type/Intensity:					
				111/1					

Event # = 8369	87/04/08,23:54	DOY=98	SMM Pointing:	S27E06	Pitch=+338",Yaw=+94",Roll=0deg	H.Ang=21deg
Optical	Start	Peak	End times			
GOES	23:41	23:54	00:05	S31E52	Mac.=DA0	H.Ang=55deg
HXRBS	23:53:29	23:53:41	23:53:54	Qual=01		
UVSP	23:45			Qual=01	MaxkeV=68	
				Code=00	Rast=30"x30"	Pitch=+270",Yaw=+78"
				Wavelength=1375A	Step=0"	
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		
				Wavelength=1375A		
				Exp #=50289		
				Tot Cts=112		
				Exp #=50289		
				Code=00		

87/04/11 DOY=101									
Event # = 8415		87/04/11, 04:18		DOY=101	SMM Pointing:		S33E24	Pitch=+443", Yaw=+331", Roll=0deg H.Ang=35deg	
Optical	Start	End times	Peak		Ha...Class=SN		S25W20	AR4786	Mac.=DH0 Carr.Lon.=176deg H.Ang=27deg
GOES	04:10	04:30	04:18		Importance=89		Qual=01	Flags=I	
HXRBS	04:15:36	04:16:19	04:16:19		Peak...c/s=228		Qual=01	MaxkeV=154 Rast=30"x30" Pitch=+403", Yaw=+474"	
UVSP	04:07	04:17:12	04:17:12		Wave length=1375A		Code=00	Step=0"	
Radio Sweeps	Type/Intensity:		111/1		245/13		8800/57 15400/26		
Radio Frequency(MHz)/Flux(sfu):	245/13		410/18		606/38		1415/43 2695/30 4995/40 8800/57 15400/26		
87/04/12 DOY=102									
Event # = 8374		87/04/12, 19:33		DOY=102	SMM Pointing:		S39E09	Pitch=+519", Yaw=+116", Roll=0deg H.Ang=34deg	
Optical	Start	End times	Peak		Importance=B2		Qual=01	MaxkeV=215 Rast=280"x280" Pitch=+514", Yaw=+153"	
GOES	19:27	19:42	19:33		Peak...c/s=67		Qual=01	Flags=NS Step=10"	
HXRBS	19:35:46	19:36:16	19:35:50		Wave length=1375A		Code=02	Step=0"	
UVSP	19:33	19:33	19:33		245/13		8800/57 15400/26		
87/04/13 DOY=103									
Event # = 8375		87/04/13, 23:55		DOY=103	SMM Pointing:		S38E02	Pitch=+517", Yaw=+32", Roll=0deg H.Ang=33deg	
Optical	Start	End times	Peak		Ha...Class=SF		S34W04	AR4787	Mac.=EAI Carr.Lon.=136deg H.Ang=28deg
GOES	23:25	00:12	23:55		Importance=B2		Qual=01	MaxkeV=125 Rast=30"x30" Pitch=+429", Yaw=-2"	
HXRBS	23:53:40	23:54:05	23:53:50		Peak...c/s=106		Qual=01	Step=0"	
UVSP	23:49	23:49	23:49		Wave length=1375A		Code=00	Step=0"	
87/04/14 DOY=104									
Event # = 8376		87/04/14, 14:51		DOY=104	SMM Pointing:		S35W23	Pitch=+476", Yaw=-301", Roll=0deg H.Ang=36deg	
Optical	Start	End times	Peak		Peak...c/s=51		Qual=01	MaxkeV=574 Rast=30"x30" Pitch=+416", Yaw=-354"	
HXRBS	14:51:01	14:51:29	14:51:14		Wave length=1375A		Qual=01	Step=0"	
UVSP	14:50	14:50	14:50		245/13		8800/57 15400/26		
87/04/15 DOY=105									
Event # = 8381		87/04/14, 20:03		DOY=104	SMM Pointing:		S35W25	Pitch=+477", Yaw=-331", Roll=0deg H.Ang=37deg	
Optical	Start	End times	Peak		Peak...c/s=257		Qual=01	MaxkeV=96 Rast=30"x30" Pitch=+438", Yaw=-327"	
HXRBS	20:03:09	20:03:10	20:03:09		Wave length=1375A		Qual=01	Step=0"	
UVSP	20:01	20:01	20:01		245/13		8800/57 15400/26		
87/04/15 DOY=105									
Event # = 8382		87/04/14, 20:03		DOY=104	SMM Pointing:		S35W25	Pitch=+477", Yaw=-331", Roll=0deg H.Ang=37deg	
Optical	Start	End times	Peak		Peak...c/s=259		Qual=01	MaxkeV=68 Rast=30"x30" Pitch=+438", Yaw=-327"	
HXRBS	20:03:10	20:03:11	20:03:11		Wave length=1375A		Qual=01	Step=0"	
UVSP	20:01	20:01	20:01		245/13		8800/57 15400/26		
87/04/15 DOY=105									
Event # = 8377		87/04/15, 02:34		DOY=105	SMM Pointing:		S35W28	Pitch=+479", Yaw=-372", Roll=0deg H.Ang=39deg	
Optical	Start	End times	Peak		Ha...Class=SN		S32W26	AR4787	Mac.=EAO Carr.Lon.=130deg H.Ang=36deg
GOES	02:25	02:51	02:34		Importance=C2		Qual=01	MaxkeV=155 Rast=30"x30" Pitch=+440", Yaw=-329"	
HXRBS	02:31:16	02:32:51	02:31:43		Peak...c/s=353		Qual=01	Step=0"	
UVSP	02:32	02:32	02:32		Wave length=1375A		Code=00	Step=0"	
Radio Frequency(MHz)/Flux(sfu):	4995/14		8800/61		15400/47		245/13 410/18 606/38 1415/43 2695/30 4995/40 8800/57 15400/26		

Event # = 21293									
87/04/15 05:44	Start	DOY=105	Peak	End times	SMM Pointing:	S35W30	Pitch=+480", Yaw=-391", Roll=0deg	H. Ang=40deg	
Optical					Ha...Class=SF		Mac.=DAI	Carr. Lon.=129deg	H. Ang=37deg
GOES	05:35	05:44	05:50		Importance=B4	Qual=01			
BCS	05:43	05:44	05:45		CaPeak.c/s=20	Qual=1	FePeak=05:43	#Peaks=1	dt= 7.7s
FCS		05:43			Peak3..c/s=15		Rast=240"x240"	Step=10"	XEN=710500
UVSP	05:43				Wavelength=1375A	Code=00	Rast=30"x30"	Step=0"	Cad= 590s
								Pitch=+431"	Yaw=-329"
Event # = 8378									
87/04/15,12:23	Start	DOY=105	Peak	End times	SMM Pointing:	S35W33	Pitch=+483", Yaw=-429", Roll=0deg	H. Ang=42deg	
Optical					Ha...Class=IN		Mac.=EAO	Carr. Lon.=134deg	H. Ang=42deg
GOES	11:30	12:23	13:03		Importance=C3	Qual=02			
HXRBS	11:48:49	11:49:24	11:50:39		Peak...c/s=123	Qual=01	MaxkeV=96		
BCS	11:44	12:07	12:11		CaPeak.c/s=99	Qual=1	FePeak.c/s=20	#Peaks=1	dt= 7.7s
FCS		11:50			Peak3..c/s=44		Rast=240"x240"	Step=10"	XEN=710501
UVSP	12:07				Wavelength=2788A	Code=01	Rast=180"x1"	Step=0"	Pitch=+476", Yaw=-473"
BCS	12:48	12:48	13:46		CaPeak.c/s=67	Qual=5	FePeak.c/s=9	#Peaks=1	dt= 7.7s
FCS		12:54			Peak3..c/s=330		Rast=25"x25"	Step=5"	XEN=710502
UVSP	12:43				Wavelength=2788A		Rast=180"x1"	Step=0"	Cad=25.6s
								Pitch=+476", Yaw=-476"	
Event # = 21296									
87/04/15,17:59	Start	DOY=105	Peak	End times	SMM Pointing:	S35W36	Pitch=+485", Yaw=-460", Roll=0deg	H. Ang=44deg	
Optical					Ha...Class=SF		Mac.=DHI	Carr. Lon.=126deg	H. Ang=40deg
GOES	17:48	17:59	18:33		Importance=B7	Qual=01			
BCS	17:57	17:58	18:03		CaPeak.c/s=25	Qual=1	FePeak.c/s=16	#Peaks=1	dt= 7.7s
FCS		18:01			Peak3..c/s=154		Rast=240"x240"	Step=10"	XEN=710503
UVSP	17:48				Wavelength=1375A	Code=00	Rast=30"x30"	Step=0"	Cad= 590s
								Pitch=+446", Yaw=-510"	
Event # = 21297									
87/04/15,20:41	Start	DOY=105	Peak	End times	SMM Pointing:	S35W42	Pitch=+488", Yaw=-521", Roll=0deg	H. Ang=48deg	
Optical					Ha...Class=I8		Mac.=EAO	Carr. Lon.=135deg	H. Ang=46deg
GOES	20:28	20:41	21:02		Importance=C2	Qual=05			
BCS	20:39	20:40	20:49		CaPeak.c/s=53	Qual=4	FePeak.c/s=11	#Peaks=1	dt= 3.8s
FCS		20:43			Peak3..c/s=284		Rast=0"x0"	Step=0"	XEN=710504
UVSP	20:41				Wavelength=1375A	Code=02	Rast=280"x280"	Step=10"	Cad=.26s
Radio Sweeps				Type/Intensity:	III/1			Pitch=+485", Yaw=-478"	
Event # = 8612									
87/04/16,00:45	Start	DOY=106	Peak	End times	SMM Pointing:	S35W44	Pitch=+494", Yaw=-543", Roll=0deg	H. Ang=50deg	
GOES	00:35	00:45	01:00		Importance=B5	Qual=02			
HXRBS	00:41:54	00:42:19	00:42:38		Peak...c/s=59	Qual=01			
UVSP	00:33				Wavelength=1375A	Code=00	MaxkeV=68	Flags=I	
							Rast=30"x30"	Step=0"	Pitch=+452", Yaw=-553"

Event # = 21298									
87/04/16, 01:50	DOY=106	SMM Pointing:	S35W44					Pitch=+494", Yaw=-543", Roll=0deg	H. Ang=50deg
Optical	Peak	End times							
G0ES 01:32	01:50	02:16	Importance=C2	Qual=01					
BCS 01:44	01:46	01:52	CaPeak.c/s=65	Qual=1	FePeak=01:46			FePeak.c/s=14 dt= 3.8s XEN=710600	
FCS	01:47		Peak3..c/s=181					Rast=0"x0" Cad=.26s 0.256s/pixel	
UVSP 01:39			Wavelength=1375A	Code=00	Exp #=50952			Pitch=+443", Yaw=-538"	
Radio	Frequency(MHz)/Flux(sfu):	245/54							
Event # = 8379									
87/04/16, 13:17	DOY=106	SMM Pointing:	S35W50					Pitch=+498", Yaw=-597", Roll=0deg	H. Ang=54deg
Optical	Peak	End times							
G0ES 13:12	13:17	13:26	Ha...Class=SN	S32W43	AR4790			Mac.=DAI Carr. Lon.=128deg	H. Ang=48deg
HXRBS 13:14:20	13:14:58	13:16:36	Importance=C1	Qual=03					
UVSP 13:06			Peak..c/s=95	Qual=01	Tot Cts=1672			MaxkeV=96	
			Wavelength=1375A	Code=00	Exp #=50998			Rast=30"x30" Step=0" Pitch=+458", Yaw=-624"	
Event # = 21299									
87/04/16, 14:49	DOY=106	SMM Pointing:	S35W51					Pitch=+499", Yaw=-607", Roll=0deg	H. Ang=55deg
Optical	Peak	End times							
G0ES 14:10	14:49	15:06	Ha...Class=SF	S32W47	AR4787			Mac.=CA0 Carr. Lon.=131deg	H. Ang=51deg
BCS 14:48	14:48	14:51	Ha...Class=SF	N27E11	AR4791			Carr. Lon.=73deg	H. Ang=34deg
FCS			Importance=B8	Qual=03					
UVSP 14:39			CaPeak.c/s=20	Qual=5	FePeak=14:48			FePeak.c/s=8 dt= 7.7s XEN=710601	
			Peak3..c/s=15					Rast=240"x240" Cad= 590s 1.024s/pixel	
			Wavelength=1375A	Code=00	Exp #=51006			Rast=30"x30" Step=0" Pitch=+439", Yaw=-631"	
Event # = 8380									
87/04/16, 16:16	DOY=106	SMM Pointing:	S35W51					Pitch=+499", Yaw=-607", Roll=0deg	H. Ang=55deg
Optical	Peak	End times							
G0ES 15:50	16:16	16:30	Ha...Class=1B	S32W43	AR4790			Mac.=DAI Carr. Lon.=127deg	H. Ang=48deg
HXRBS 15:58:49	16:08:15	16:27:11	Importance=M1	Qual=01					
UVSP 16:15			Peak..c/s=317	Qual=01	Tot Cts=58527			MaxkeV=125	
Radio	Frequency(MHz)/Flux(sfu):	1415/28 2695/40 4995/110 8800/72 15400/36	Wavelength=1375A	Code=00	Exp #=51014			Rast=30"x30" Step=0" Pitch=+460", Yaw=-588"	
Event # = 21300									
87/04/16, 16:58	DOY=106	SMM Pointing:	S35W51					Pitch=+499", Yaw=-607", Roll=0deg	H. Ang=55deg
Optical	Peak	End times							
G0ES 16:35	16:58	18:40	Ha...Class=SN	S34W45	AR4790			Mac.=DAI Carr. Lon.=128deg	H. Ang=50deg
BCS 17:04	17:13	18:02	Importance=C8	Qual=05					
FCS	17:21		CaPeak.c/s=336	Qual=4	FePeak=17:05			FePeak.c/s=31 dt= 7.7s XEN=710602	
UVSP 17:05			Peak3..c/s=135					Rast=25"x25" Cad=25.6s 1.024s/pixel	
Radio	Type/Intensity:	V/1	Wavelength=1375A	Code=02	Exp #=51015			Rast=280"x280" Step=10" Pitch=+496", Yaw=-576"	
Radio Sweeps									
Radio	Frequency(MHz)/Flux(sfu):	245/470 410/40 1415/21 2695/14 4995/15							
Event # = 21301									
87/04/17, 01:36	DOY=107	SMM Pointing:	S35W55					Pitch=+504", Yaw=-645", Roll=0deg	H. Ang=59deg
Optical	Peak	End times							
G0ES 01:10	01:36	01:43	Ha...Class=SF	S33W50	AR4790			Mac.=DAI Carr. Lon.=128deg	H. Ang=54deg
BCS 01:34	01:35	01:41	Importance=B8	Qual=01					
FCS	01:37		CaPeak.c/s=35	Qual=1	FePeak=01:35			FePeak.c/s=12 dt= 7.7s XEN=710700	
UVSP 01:48			Peak3..c/s=18					Rast=240"x240" Cad= 590s 1.024s/pixel	
			Wavelength=2788A		Exp #=51056			Rast=180"x1" Step=0" Pitch=+499", Yaw=-438"	

Event # = 21302									
87/04/17, 02:37	Start	DOY=107	SMM Pointing:		S35W57	Pitch=+506" , Yaw=-656" , Roll=0deg		H. Ang=60deg	
GOES 02:00	End times	Peak	Importance=C2		Qual=04	FePeak.c/s=15		#Peaks=1 dt= 7.7s XEN=710701	
BCS 02:30	02:53	02:37	CaPeak.c/s=109		Qual= 4	Rast=25"x25"		Cad=25.6s	
FCS 02:46	02:56	02:38	Peak3..c/s=294			Rast=180"x1"		Step=5" Pitch=+499" , Yaw=-441"	
UVSP 02:25		02:46	Wavelength=2788A		Code=01	Exp #=51057			
Event # = 8383									
87/04/17, 15:10	Start	DOY=107	SMM Pointing:		S35W63	Pitch=+512" , Yaw=-698" , Roll=0deg		H. Ang=65deg	
GOES 15:00	End times	Peak	Importance=B6		Qual=01	MaxVel=68			
HXRBS 15:07:00	15:20	15:10	Peak...c/s=55		Qual=01	Rast=30"x30"		Step=0" Pitch=+464" , Yaw=-714"	
UVSP 15:07	15:07:45	15:07:13	Wavelength=1375A		Code=00	Exp #=51102			
Event # = 21303									
87/04/17, 15:58	Start	DOY=107	SMM Pointing:		S35W63	Pitch=+512" , Yaw=-698" , Roll=0deg		H. Ang=65deg	
GOES 15:50	End times	Peak	Importance=B7		Qual=03	FePeak.c/s=10		#Peaks=1 dt= 7.7s XEN=710702	
BCS 15:56	16:16	15:58	CaPeak.c/s=30		Qual= 1	Rast=240"x240"		Cad= 590s	
FCS 15:57	16:00	15:57	Peak3..c/s=14			Rast=30"x30"		Step=0" Pitch=+465" , Yaw=-726"	
UVSP 15:49		15:57	Wavelength=1375A		Code=00	Exp #=51108			
Event # = 21304									
87/04/17, 17:27	Start	DOY=107	SMM Pointing:		S35W65	Pitch=+515" , Yaw=-708" , Roll=0deg		H. Ang=66deg	
Optical 17:14	End times	Peak	Ha....Class=SN		S30W16	Mac.=CA0		Carr. Lon.=86deg	
GOES 17:17	17:40	17:27	Importance=C2		Qual=03	FePeak.c/s=12		#Peaks=2 dt= 3.8s XEN=710703	
BCS 17:17	17:36	17:27	CaPeak.c/s=60		Qual= 1	Rast=240"x240"		Cad= 590s	
FCS 17:31		17:31	Peak3..c/s=113			Rast=30"x30"		Step=0" Pitch=+465" , Yaw=-731"	
UVSP 17:24	Type/Intensity:		Wavelength=1375A		Code=00	Exp #=51116			
Radio Sweeps	Frequency(MHz)/Flux(sfu):		111/1						
Radio			245/130						
Event # = 21305									
87/04/17, 18:40	Start	DOY=107	SMM Pointing:		S35W65	Pitch=+515" , Yaw=-708" , Roll=0deg		H. Ang=66deg	
Optical 18:30	End times	Peak	Ha....Class=SN		S30W62	Mac.=CA0		Carr. Lon.=131deg	
GOES 18:38	18:53	18:40	Importance=B9		Qual=01	FePeak.c/s=16		#Peaks=1 dt= 7.7s XEN=710704	
BCS 18:38	18:48	18:39	CaPeak.c/s=28		Qual= 1	Rast=240"x240"		Cad= 590s	
FCS 18:43		18:43	Peak3..c/s=38			Rast=30"x30"		Step=0" Pitch=+456" , Yaw=-744"	
UVSP 18:29			Wavelength=1375A		Code=00	Exp #=51120			
Event # = 21306									
87/04/17, 19:35	Start	DOY=107	SMM Pointing:		S35W65	Pitch=+515" , Yaw=-708" , Roll=0deg		H. Ang=66deg	
GOES 18:53	End times	Peak	Importance=C1		Qual=05	FePeak.c/s=7		#Peaks=1 dt= 7.7s XEN=710705	
BCS 19:47	20:06	19:35	CaPeak.c/s=28		Qual= 4	Rast=0"x0"		Cad=1.02s	
FCS 19:54	19:56	19:48	Peak3..c/s=21			Rast=280"x280"		Step=0" Pitch=+512" , Yaw=-673"	
UVSP 19:48		19:54	Wavelength=1375A			Exp #=51125			

Event # = 8454									
87/04/17,23:50	DOY=107	Peak	End times	SMM Pointing:		S35W66	Pitch=+517",Yaw=-718",Roll=0deg		
Optical	Start			Ha....Class=1N			Mac.=DAI		
Optical				Ha....Class=SF		S32W55	Carr.Lon.=121deg		
GOES	23:34	23:50	00:04	Importance=C5		S33W61	Carr.Lon.=127deg		
HXRBS	23:40:57	23:47:41	23:49:35	Peak...c/s=56		Qual=03	Flags=I		
BCS	23:36	23:48	23:50	CaPeak.c/s=245		Qual=01	#Peaks=1		
FCS		23:47		Peak3...c/s=213		Tot Cts=3443	dt= 7.7s		
UVSP	23:42			Wavelength=1375A		FePeak=23:48	Cad=1.02s		
Radio Sweeps			Type/Intensity:	V/1		Exp #=51148	Pitch=+489",Yaw=-699"		
87/04/18 DOY=108									
Event # = 8456									
87/04/18,14:00	DOY=108	Peak	End times	SMM Pointing:		S35W75	Pitch=+528",Yaw=-756",Roll=0deg		
Optical	Start			Ha....Class=SB			Mac.=DHI		
GOES	13:52	14:00	14:20	Importance=C3		S32W70	Carr.Lon.=128deg		
HXRBS	13:55:04	13:55:56	13:59:18	Peak...c/s=59		Qual=02	Flags=I		
UVSP	13:57			Wavelength=2788A		Tot Cts=1557	Step=0"		
Radio	Frequency(MHz)/Flux(sfu):			4995/14 15400/35		Exp #=51194	Pitch=+521",Yaw=-541"		
Event # = 8458									
87/04/18,14:54	DOY=108	Peak	End times	SMM Pointing:		S35W75	Pitch=+528",Yaw=-756",Roll=0deg		
HXRBS	14:52:56	14:54:04	14:55:58	Peak...c/s=68		Qual=01	MaxkeV=68		
UVSP	14:54			Wavelength=1375A		Exp #=51197	Rast=280"x280" Step=10"		
Optical				Associated Event # = 8457			Mac.=DHI		
GOES	14:37	14:59	15:12	Ha....Class=SN		AR4790	Carr.Lon.=133deg		
HXRBS	14:43:46	14:44:01	14:44:14	Importance=C3		Qual=04	Flags=I		
BCS	14:38	14:45	15:16	Peak...c/s=57		Tot Cts=208	#Peaks=1		
FCS		14:59		CaPeak.c/s=129		FePeak=14:59	dt= 7.7s		
UVSP	14:55			Peak3...c/s=31		Exp #=51198	Cad=3840s		
Radio Sweeps			Type/Intensity:	V/1			Pitch=+459",Yaw=-802"		
Event # = 8459									
87/04/18,15:22	DOY=108	Peak	End times	SMM Pointing:		S35W75	Pitch=+528",Yaw=-756",Roll=0deg		
Optical	Start			Ha....Class=SF			Mac.=DHI		
GOES	15:21:52	15:22:48	15:23:19	Peak...c/s=60		S32W68	Carr.Lon.=126deg		
HXRBS	15:22			Wavelength=1375A		Qual=00	Flags=I		
UVSP				1415/33		Tot Cts=720	Step=10"		
Radio	Frequency(MHz)/Flux(sfu):					Exp #=51201	Pitch=+525",Yaw=-717"		
Event # = 8460									
87/04/18,15:26	DOY=108	Peak	End times	SMM Pointing:		S35W75	Pitch=+528",Yaw=-756",Roll=0deg		
GOES	15:25:57	15:26:17	15:26:36	Peak...c/s=57		Qual=00	MaxkeV=68		
HXRBS	15:23			Wavelength=1375A		Qual=01	Rast=30"x30"		
UVSP						Tot Cts=160	Flags=I		
Radio						Exp #=51202	Step=0"		
							Pitch=+480",Yaw=-793"		



Event # = 8461									
87/04/18, 17:19	Start	DOY=108	End times	SMM Pointing:	S35W75		Pitch=+528", Yaw=-756", Roll=0deg	H. Ang=74deg	
Optical		Peak		Ha...Class=SF			Mac.=0H1	Carr. Lon.=133deg	H. Ang=75deg
GOES	16:30	17:19	17:25	Importance=C1	S33W76	AR4790	MaxkeV=68	Flags=1	
HXRBS	16:55:06	16:55:09	16:55:20	Peak...c/s=51	Qual=02	Tot Cts=103	FePeak.c/s=9	#Peaks=1	XEN=710801
BCS	16:56	17:08	17:10	CaPeak.c/s=42	Qual=01	FePeak=17:05	Rast=0"x0"	Step=0"	Cad=51s
FCS		16:57		Peak3...c/s=205	Qual=03		Rast=30"x30"	Pitch=+491"	0.512s/pixel
UVSP	16:58			Wave length=1375A	Code=01	Exp #=51210		Step=0"	Yaw=-795"
Event # = 8384									
87/04/18, 21:35	Start	DOY=108	End times	SMM Pointing:	S35W78		Pitch=+532", Yaw=-766", Roll=0deg	H. Ang=77deg	
GOES	21:00	21:35	21:42	Importance=C2	Qual=01		MaxkeV=184		
HXRBS	21:31:22	21:32:05	21:32:22	Peak...c/s=168	Qual=01	Tot Cts=2101	FePeak.c/s=17	#Peaks=1	XEN=710802
BCS	21:26	21:32	21:44	CaPeak.c/s=62	Qual=01	FePeak=21:32	Rast=0"x0"	Step=0"	Cad=1.02s
FCS		21:33		Peak3...c/s=447	Qual=01		Rast=30"x30"	Step=0"	1.024s/pixel
UVSP	21:27			Wave length=1375A	Code=00	Exp #=51232		Pitch=+483"	Yaw=-792"
Radio Sweeps			Type/Intensity:	I/I					
Event # = 21307									
87/04/18, 21:54	Start	DOY=108	End times	SMM Pointing:	S35W78		Pitch=+532", Yaw=-766", Roll=0deg	H. Ang=77deg	
GOES	21:47	21:54	22:09	Importance=C3	Qual=05		FePeak.c/s=8	#Peaks=1	XEN=710803
BCS	22:29	22:32	22:46	CaPeak.c/s=25	Qual=04	FePeak=22:32	Rast=25"x25"	Step=5"	Cad=25.6s
FCS		22:45		Peak3...c/s=197	Qual=01	Exp #=51234	Rast=30"x30"	Step=0"	1.024s/pixel
UVSP	21:41			Wave length=1375A	Code=01			Pitch=+483"	Yaw=-792"
Radio Sweeps			Type/Intensity:	I/I					
Event # = 8385									
87/04/19, 14:43	Start	DOY=109	End times	SMM Pointing:	S35W88		Pitch=+548", Yaw=-781", Roll=0deg	H. Ang=86deg	
GOES	14:25	14:43	15:42	Importance=C2	Qual=01		MaxkeV=125		
HXRBS	14:39:03	14:41:15	14:44:25	Peak...c/s=128	Qual=01	Tot Cts=6455	Rast=280"x280"	Step=10"	Pitch=+541", Yaw=-740"
UVSP	14:43			Wave length=1375A	Code=02	Exp #=51286			
Radio Sweeps			Type/Intensity:	V/I					
Event # = 21308									
87/04/19, 20:44	Start	DOY=109	End times	SMM Pointing:			Pitch=+547", Yaw=-812", Roll=0deg		
GOES	20:30	20:44	21:16	Importance=C1	Qual=01		FePeak.c/s=11	#Peaks=1	XEN=710900
BCS	20:40	20:42	20:47	CaPeak.c/s=36	Qual=01	FePeak=20:42	Rast=240"x240"	Step=10"	Cad=590s
FCS		20:41		Peak3...c/s=21	Qual=01	Exp #=51315	Rast=30"x30"	Step=0"	1.024s/pixel
UVSP	20:31			Wave length=1375A	Code=00			Pitch=+487"	Yaw=-814"
Radio Sweeps			Type/Intensity:	V/I					
Event # = 8387									
87/04/19, 21:10	Start	DOY=109	End times	SMM Pointing:			Pitch=+547", Yaw=-812", Roll=0deg		
GOES									
HXRBS	21:09:59	21:10:07	21:10:13	Peak...c/s=57	Qual=00	Tot Cts=112	MaxkeV=68	Step=0"	Pitch=+517", Yaw=-794"
UVSP	21:01			Wave length=1375A	Qual=01	Exp #=51319	Rast=30"x30"	Step=0"	

Event # = 8388	87/04/19 22:14	DOY=109	SMM Pointing:	Pitch=+547", Yaw=-812", Roll=0deg
GOES	Start 22:14	Peak 22:30	Importance=B4	
HXRBS	22:11:57	22:12:07	Peak...c/s=64	
UVSP	22:06	22:12:31	WaveLength=1375A	
			Code=00	
			Tot Cts=232	
			Exp #=51323	
			MaxkeV=96	
			Rast=30"x30"	
			Step=0"	Pitch=+517", Yaw=-794"
Event # = 8386	87/04/20 01:22	DOY=110	SMM Pointing:	
GOES	Start 01:18	Peak 01:22	Importance=B7	
HXRBS	01:16:06	01:16:30	Peak...c/s=59	
UVSP	01:14	01:17:28	WaveLength=1375A	
			Code=00	
			Tot Cts=469	
			Exp #=51339	
			Associated Event # = 8389	
			Qual=01	
			Tot Cts=79	
			MaxkeV=68	
Event # = 21309	87/04/20 22:10	DOY=110	SMM Pointing:	
GOES	Start 22:00	Peak 22:10	Importance=B6	
BCS	22:08	22:09	CaPeak.c/s=28	
FCS		22:13	Peak3...c/s=25	
UVSP	21:33	22:08	WaveLength=2788A	
			Qual=03	
			Qual=1	
			FePeak=22:08	
			Exp #=51378	
			FePeak.c/s=11	
			Rast=240"x240"	
			Rast=180"x1"	
			#Peaks=1	
			Step=10"	
			Step=0"	
			dt= 7.7s	
			XEN=711000	
			Cad= 590s	
			Pitch=+540", Yaw=-595"	
Event # = 8394	87/04/21 18:49	DOY=111	SMM Pointing:	
GOES	Start 18:05	Peak 18:49	Importance=B9	
HXRBS	18:08:56	18:09:03	Peak...c/s=425	
UVSP	19:33	18:09:18	WaveLength=2788A	
Radio Sweeps			III/1	
			Type/Intensity:	
			Qual=01	
			Qual=01	
			Tot Cts=2638	
			Exp #=51405	
			MaxkeV=575	
			Rast=180"x1"	
			Flags=NS	
			Step=0"	
			Pitch=+540", Yaw=-595"	
Event # = 8396	87/04/24 07:38	DOY=114	SMM Pointing:	
Optical	Start 07:31	Peak 07:38	Ha...Class=SN	
GOES	07:35:51	07:36:19	Importance=C4	
HXRBS	07:35:51	07:37:13	Peak...c/s=303	
Radio	Frequency(MHz)/Flux(sfu):	606/86 1415/86	2695/50 4995/15	
			8800/30 15400/50	
			MaxkeV=155	
			Mac.=CR0	
			Carr.Lon.=34deg	
			H.Ang=58deg	
			Pitch=+1", Yaw=-3", Roll=0deg	
			H.Ang=0deg	
Event # = 21310	87/05/02 02:08	DOY=122	SMM Pointing:	
GOES	Start 02:01	Peak 02:08	Importance=C3	
BCS	02:12	02:13	CaPeak.c/s=93	
FCS		02:15	Peak3...c/s=41	
UVSP	02:06	02:15	WaveLength=2788A	
Radio Sweeps			III/1 V/1	
			Type/Intensity:	
			Qual=05	
			Qual=4	
			FePeak=02:15	
			Exp #=51674	
			Code=00	
			MaxkeV=155	
			Rast=180"x1"	
			Rast=25"x25"	
			Step=5"	
			Step=0"	
			dt= 3.8s	
			XEN=712200	
			Cad=25.6s	
			Pitch=-20", Yaw=-618"	
			Pitch=-14", Yaw=-830", Roll=0deg	
			H.Ang=60deg	

227

Event # = 8413									
87/05/17	08:53	DOY=137	Start	Peak	SMM Pointing:	N27E56	AR4808	Pitch=-664", Yaw=+506", Roll=-20deg	H.Ang=61deg
Optical					Ha...Class=SN	S21W45		Mac.=BX0	H.Ang=48deg
GOES	08:30	08:53	09:51		Importance=C5	Qual=04			
HXRBS	08:41:05	08:43:46	08:59:23		Peak...c/s=136	Qual=02			
UVSP	09:11				Wavelength=2788A				
Radio	Frequency (MHz)/Flux(sfu):	245/140	410/460	606/1600	1415/98	2695/78	4995/44	8800/30	
87/05/17 DOY=137									
Event # = 8414									
87/05/18	03:59	DOY=138	Start	Peak	SMM Pointing:	N44E69		Pitch=-844", Yaw=+375", Roll=-20deg	H.Ang=76deg
GOES					Qual=00				
HXRBS	03:59:43	03:59:58	04:00:13		Peak...c/s=61	Qual=01			
UVSP	03:56				Wavelength=1375A				
Event # = 8473									
87/05/18	16:41	DOY=138	Start	Peak	SMM Pointing:	N30E42		Pitch=-497", Yaw=+550", Roll=0deg	H.Ang=51deg
Optical					Ha...Class=SN	N29E39		Mac.=EKI	H.Ang=49deg
GOES	16:32	16:41	16:52		Importance=B4	Qual=02			
HXRBS	16:37:32	16:38:47	16:39:39		Peak...c/s=61	Qual=01			
UVSP	16:37				Wavelength=2788A	Code=00			
Radio	Sweeps	Type/Intensity:			V/2				
Radio	Frequency (MHz)/Flux(sfu):	245/310	410/100	606/26					
87/05/19 DOY=139									
Event # = 8416									
87/05/19	03:32	DOY=139	Start	Peak	SMM Pointing:	N44E68		Pitch=-844", Yaw=+372", Roll=-20deg	H.Ang=76deg
GOES					Qual=00				
HXRBS	03:32:20	03:32:58	03:33:19		Peak...c/s=90	Qual=01			
UVSP	03:30				Wavelength=1375A				
Event # = 8417									
87/05/19	12:59	DOY=139	Start	Peak	SMM Pointing:	N29E26		Pitch=-487", Yaw=+370", Roll=0deg	H.Ang=40deg
Optical					Ha...Class=SN	N29E28		Mac.=EKI	H.Ang=41deg
GOES	12:51	12:59	13:42		Importance=C3	Qual=03			
HXRBS	12:51:09	12:51:48	12:53:02		Peak...c/s=141	Qual=01			
BCS	12:52	12:58	13:06		CaPeak.c/s=108	Qual=1			
FCS		13:00			Peak3...c/s=384				
UVSP	13:02				Wavelength=2788A	Code=02			
Event # = 8418									
87/05/19	23:17	DOY=139	Start	Peak	SMM Pointing:	N29E21		Pitch=-557", Yaw=+108", Roll=-20deg	H.Ang=37deg
Optical					Ha...Class=SN	N31E24		Mac.=EKI	H.Ang=40deg
GOES	23:08	23:17	23:50		Importance=B8	Qual=01			
HXRBS	23:12:10	23:12:46	23:15:04		Peak...c/s=142	Qual=01			
BCS	23:14	23:15	23:21		CaPeak.c/s=33	Qual=1			
FCS		23:17			Peak3...c/s=31				
UVSP	23:10				Wavelength=1375A	Code=00			
Radio	Frequency (MHz)/Flux(sfu):	606/58							

Event # = 21313		87/05/20		DOY=140	
87/05/20,00:54	Start	Peak	DOY=140	SMM Pointing:	N29E20
GOES 00:37	01:43	End times		Importance=B7	Qual=01
BCS 00:46	00:53	01:01		CaPeak.c/s=22	Qual= 1
FCS 00:48				Peak3..c/s=34	
UVSP 00:43				Wavelength=1375A	Code=00 Exp #=52402
Pitch=-554", Yaw=+97", Roll=-20deg H.Ang=36deg					
FePeak.c/s=16 #Peaks=1 dt= 7.7s XEN=714000					
Rast=240"x240" Cad= 590s 1.024s/pixel					
Rast=30"x30" Pitch=0" Step=0" Pitch=-583", Yaw=+74"					
Event # = 8419					
87/05/20,13:15	Start	Peak	DOY=140	SMM Pointing:	N29E14
Optical		End times			
GOES 13:00	13:15	13:21		Ha...Class=1N	N30E15
HXRBS 13:18:11	13:20:59	13:22:00		Importance=C1	Qual=04
UVSP 13:11				Peak...c/s=67	Qual=01
Wavelength=2788A Code=00 Exp #=52431					
Pitch=-487", Yaw=+200", Roll=0deg H.Ang=34deg					
Mac.=EKI Carr.Lon.=341deg H.Ang=35deg					
MaxkeV=68					
Rast=180"x1" Step=0" Pitch=-367", Yaw=+404"					
Event # = 8422		87/05/21		DOY=141	
87/05/21,03:29	Start	Peak	DOY=141	SMM Pointing:	S44E80
Optical		End times			
GOES 03:12	03:29	03:50		Ha...Class=1B	N23E03
HXRBS 03:42:05	03:43:26	03:47:35		Importance=C8	Qual=04
UVSP 03:24				Peak...c/s=103	Qual=01
Wavelength=1375A Code=00 Exp #=52477					
Radio Frequency(MHz)/Flux(sfu): 245/110 410/33 606/58 1415/240 2695/27 4995/160 8800/23					
Pitch=+658", Yaw=+670", Roll=0deg H.Ang=81deg					
Mac.=EKI Carr.Lon.=345deg H.Ang=25deg					
MaxkeV=97					
Rast=265"x265" Step=5" Pitch=-652", Yaw=+711"					
Event # = 8421		87/05/21,08:50		DOY=141	
87/05/21,08:50	Start	Peak	DOY=141	SMM Pointing:	N27E03
GOES 08:37	08:50	09:01		Importance=B3	Qual=01
HXRBS 08:44:06	08:44:24	08:44:58		Peak...c/s=216	Qual=01
UVSP 09:00				Wavelength=2788A	
Radio Frequency(MHz)/Flux(sfu): 245/150 410/61 606/8 1415/8 2695/10 4995/25 8800/42					
Pitch=-454", Yaw=+41", Roll=0deg H.Ang=29deg					
MaxkeV=155					
Rast=180"x1" Step=0" Pitch=-338", Yaw=+250"					
Event # = 8423		87/05/21,22:16		DOY=141	
87/05/21,22:16	Start	Peak	DOY=141	SMM Pointing:	N28W04
GOES 22:10	22:16	22:27		Importance=B3	Qual=01
HXRBS 22:13:30	22:13:57	22:14:31		Peak...c/s=82	Qual=01
UVSP 22:18				Wavelength=1375A	Code=02 Exp #=52503
Radio Frequency(MHz)/Flux(sfu): 245/610 410/140 2695/22 8800/39 15400/13					
Pitch=-433", Yaw=-212", Roll=-20deg H.Ang=31deg					
MaxkeV=68					
Rast=265"x265" Step=5" Pitch=-440", Yaw=-168"					
Event # = 21314		87/05/22		DOY=142	
87/05/22,03:11	Start	Peak	DOY=142	SMM Pointing:	N28W06
Optical		End times			
GOES 02:57	03:11	03:56		Ha...Class=SF	N28W07
BCS 03:06	03:11	03:23		Importance=C1	Qual=01
FCS 03:06				CaPeak.c/s=32	Qual= 1
UVSP 03:00				Peak3..c/s=28	
Wavelength=1375A Code=00 Exp #=52514					
Pitch=-479", Yaw=-87", Roll=0deg H.Ang=31deg					
Mac.=EKI Carr.Lon.=342deg H.Ang=31deg					
FePeak.c/s=14 #Peaks=1 dt= 7.7s XEN=714200					
Rast=240"x240" Cad= 590s 1.024s/pixel					
Rast=30"x30" Pitch=0" Step=0" Pitch=-509", Yaw=-80"					

Event # = 8424	87/05/22, 04:47	DOY=142	Start	End times	SMM Pointing:	N28W07	Pitch=-479", Yaw=-99", Roll=0deg	H.Ang=31deg
Optical	04:38	04:47	05:03		Ha...Class=IN	N32W07	Mac.=EKI	H.Ang=35deg
GOES	04:47:03	04:47:14	04:47:29		Importance=85	Qual=01		
HXRBS	04:47:03	04:47:14	04:47:29		Peak...c/s=73	Qual=01		
UVSP	04:47:03	04:47:14	04:47:29		Wavelength=1375A	Code=00		
							Step=10" Pitch=-484", Yaw=-58"	
Event # = 8475	87/05/22, 12:27	DOY=142	Start	End times	SMM Pointing:	N28W10	Pitch=-479", Yaw=-151", Roll=0deg	H.Ang=32deg
GOES	12:16	12:27	12:33		Importance=88	Qual=01		
HXRBS	12:24:20	12:24:25	12:24:46		Peak...c/s=98	Qual=01	Flags=1	
UVSP	12:17	12:24:25	12:24:46		Wavelength=2788A	Code=00	Step=0" Pitch=-358", Yaw=-58"	
Radio Sweeps		Type/Intensity:			V/2			
Radio Frequency (MHz)/Flux(sfu):					8800/36			
Event # = 21315	87/05/22, 18:43	DOY=142	Start	End times	SMM Pointing:	N28W14	Pitch=-377", Yaw=-357", Roll=-20deg	H.Ang=33deg
GOES	18:24	18:43	19:12		Importance=89	Qual=04		
BCS	18:40	18:41	18:48		CaPeak.c/s=28	Qual=4	dt= 7.7s XEN=714201	
FCS	18:46	18:46			Peak3...c/s=30		Cad= 262s 1.024s/pixel	
UVSP	18:46	18:46			Wavelength=2788A	Code=02	Step=3" Pitch=-384", Yaw=-314"	
Radio Sweeps		Type/Intensity:			III/1 V/2			
Radio Frequency (MHz)/Flux(sfu):					245/890			
Event # = 21316	87/05/22, 20:19	DOY=142	Start	End times	SMM Pointing:	N28W15	Pitch=-373", Yaw=-368", Roll=-20deg	H.Ang=33deg
GOES	20:00	20:19	20:39		Importance=88			
BCS	20:17	20:18	20:22		CaPeak.c/s=30	Qual=1	dt= 7.7s XEN=714202	
FCS	20:19	20:21			Peak3...c/s=34		Cad=1.02s 1.024s/pixel	
UVSP	20:19	20:21			Wavelength=2788A	Code=02	Step=3" Pitch=-401", Yaw=-357"	
Radio Sweeps		Type/Intensity:			V/2			
Event # = 21317	87/05/23, 02:04	DOY=143	Start	End times	SMM Pointing:	N28W18	Pitch=-361", Yaw=-401", Roll=-20deg	H.Ang=35deg
GOES	01:32	02:04	02:40		Importance=85	Qual=02		
BCS	01:43	01:48	01:54		CaPeak.c/s=21	Qual=3	dt= 7.7s XEN=714300	
FCS	01:48	01:54			Peak3...c/s=52		Cad= 590s 1.024s/pixel	
UVSP	01:48	01:54			Wavelength=2788A	Code=01	Step=0" Pitch=-259", Yaw=-223"	
Radio Sweeps		Type/Intensity:			III/1			
Event # = 8425	87/05/23, 15:48	DOY=143	Start	End times	SMM Pointing:	N28W25	Pitch=-473", Yaw=-357", Roll=0deg	H.Ang=39deg
Optical	15:43	15:48	15:55		Ha...Class=SN	N29W25	Mac.=EHC	H.Ang=39deg
GOES	15:43	15:48	15:55		Importance=88	Qual=01		
HXRBS	15:46:22	15:46:45	15:47:01		Peak...c/s=105	Qual=01		
BCS	15:47	15:48	15:50		CaPeak.c/s=39	Qual=1	dt= 7.7s XEN=714301	
FCS	15:48	15:50			Peak3...c/s=16		Cad= 590s 1.024s/pixel	
UVSP	15:56	15:50			Wavelength=2788A	Code=02	Step=0" Pitch=-374", Yaw=-177"	

Event # = 21318									
87/05/23,19:06	Start	DOY=143	Peak						
Optical				SMM Pointing:	N28W27			Pitch=-316", Yaw=-516", Roll=-20deg	H.Ang=40deg
G0ES	18:54	19:06		Ha...Class=SN	N28W28	AR4811		Mac.=EHC	H.Ang=40deg
BCS	19:04	19:05	19:24	Importance=B7	Qual=03				
FCS	19:05	19:05	19:07	CaPeak.c/s=20	Qual=1			FePeak.c/s=9 dt= 7.7s	XEN=714302
UVSP	18:58			Peak3..c/s=22		FePeak=19:04		Rast=240"x240"	Cad= 590s 1.024s/pixel
				Wave length=1375A	Code=00	Exp #=52576		Rast=30"x30"	Pitch=0" Step=0" Pitch=-285", Yaw=-575"
Event # = 8426									
87/05/23,23:36	Start	DOY=143	Peak						
Optical				SMM Pointing:	N28W29			Pitch=-304", Yaw=-546", Roll=-20deg	H.Ang=41deg
G0ES	23:24	23:36	23:55	Importance=B4	Qual=01				
HXRBS	23:40:48	23:41:39	23:42:51	Peak...c/s=81	Qual=01	Tot Cts=1416		MaxkeV=155	
UVSP	23:26			Wave length=1375A	Code=00	Exp #=52598		Rast=30"x30"	Pitch=0" Step=0" Pitch=-254", Yaw=-584"
Radio				Frequency(MHz)/Flux(sfu):	410/180				
87/05/24 DOY=144									
Event # = 8427									
87/05/24,00:48	Start	DOY=144	Peak						
Optical				SMM Pointing:	N28W30			Pitch=-300", Yaw=-556", Roll=-20deg	H.Ang=42deg
G0ES	00:43	00:48	00:57	Importance=B3	Qual=01				
HXRBS	00:47:17	00:47:29	00:48:02	Peak...c/s=111	Qual=01	Tot Cts=2117		MaxkeV=155	
UVSP	00:46			Wave length=1375A	Code=00	Exp #=52604		Rast=30"x30"	Pitch=0" Step=0" Pitch=-300", Yaw=-582"
Radio				Frequency(MHz)/Flux(sfu):	245/54				
Event # = 21319									
87/05/24,01:10	Start	DOY=144	Peak						
Optical				SMM Pointing:	N28W30			Pitch=-300", Yaw=-556", Roll=-20deg	H.Ang=42deg
G0ES	00:58	01:10	01:20	Ha...Class=1F	N25W33	AR4811		Mac.=EHI	H.Ang=42deg
BCS	01:08	01:10	01:13	Importance=C1	Qual=01				
FCS	01:09	01:09	01:13	CaPeak.c/s=23	Qual=1	FePeak=01:10		FePeak.c/s=9 dt= 7.7s	XEN=714400
UVSP	01:01			Peak3..c/s=23		Exp #=52606		Rast=240"x240"	Cad= 590s 1.024s/pixel
Radio				Wave length=1375A	Code=00	Exp #=52606		Rast=30"x30"	Pitch=0" Step=0" Pitch=-230", Yaw=-584"
				Frequency(MHz)/Flux(sfu):	245/92				
Event # = 21320									
87/05/24,01:29	Start	DOY=144	Peak						
Optical				SMM Pointing:	N28W30			Pitch=-300", Yaw=-556", Roll=-20deg	H.Ang=42deg
G0ES	01:20	01:29	01:52	Importance=C1	Qual=02				
BCS	01:25	01:26	01:27	CaPeak.c/s=24	Qual=1	FePeak=01:25		FePeak.c/s=16 dt= 7.7s	XEN=714401
FCS	01:25	01:26	01:27	Peak3..c/s=27		Exp #=52608		Rast=240"x240"	Cad= 590s 1.024s/pixel
UVSP	01:14			Wave length=1375A	Code=01	Exp #=52608		Rast=30"x30"	Pitch=0" Step=0" Pitch=-239", Yaw=-585"
Event # = 21321									
87/05/24,07:11	Start	DOY=144	Peak						
Optical				SMM Pointing:	N28W33			Pitch=-471", Yaw=-456", Roll=0deg	H.Ang=44deg
G0ES	06:15	07:11	07:46	Importance=B8	Qual=04				
BCS	07:08	07:08	07:13	CaPeak.c/s=18	Qual=1	FePeak=07:08		FePeak.c/s=7 dt= 7.7s	XEN=714402
FCS	07:08	07:09	07:13	Peak3..c/s=13		Exp #=52620		Rast=240"x240"	Cad= 590s 1.024s/pixel
UVSP	07:39			Wave length=2788A		Exp #=52620		Rast=180"x1"	Pitch=0" Step=0" Pitch=-372", Yaw=-282"

Event # = 8428									
87/05/24, 09:08	Start	DOY=144	End times	SMM Pointing:	N28W34		Pitch=-471", Yaw=-466", Roll=0deg	H. Ang=44deg	
Optical		Peak		Ha...Class=SB			Mac.=EHI		
GOES 09:03	09:08	09:24		Importance=C1	N31W32	AR4811	Carr. Lon.=337deg	H. Ang=45deg	
HXRBS 09:05:28	09:05:47	09:07:00		Peak...c/s=102	Qual=03				
BCS 09:06	09:07	09:19		CaPeak.c/s=51	Qual=01	Tot Cts=1747			
FCS 09:14	09:14			Peak3...c/s=44	Qual=1	FePeak=09:07			
UVSP 09:14				Wavelength=2788A	Code=02	Exp #=52621	#Peaks=1 dt= 3.8s	XEN=714403	
Radio	Frequency (MHz)/Flux(sfu):			606/34 2695/23 4995/29 15400/34			Step=0" Cad=.26s	0.256s/pixel	
							Step=0" Pitch=-372", Yaw=-292"		
Event # = 8429									
87/05/24, 12:29	Start	DOY=144	End times	SMM Pointing:	N28W37		Pitch=-471", Yaw=-497", Roll=0deg	H. Ang=46deg	
Optical		Peak		Ha...Class=SF			Mac.=EHI		
GOES 12:06	12:29	12:38		Importance=B1	N24W40	AR4811	Carr. Lon.=343deg	H. Ang=47deg	
HXRBS 12:11:07	12:11:17	12:12:03		Peak...c/s=148	Qual=02				
BCS 11:56	12:25	12:27		CaPeak.c/s=33	Qual=01	Tot Cts=2536			
FCS 12:13	12:13			Peak3...c/s=21	Qual=3	FePeak=12:12			
UVSP 12:22				Wavelength=2788A	Code=00	Exp #=52624	#Peaks=1 dt= 7.7s	XEN=714404	
Radio	Type/Intensity:			V/2			Step=10" Cad= 590s	1.024s/pixel	
Radio	Frequency (MHz)/Flux(sfu):			245/56 410/83 606/21 2695/14			Step=0" Pitch=-372", Yaw=-312"		
							Step=0" Pitch=-372", Yaw=-312"		
HXRBS 12:17:43	12:18:37	12:20:15		Peak...c/s=73	Qual=01	Tot Cts=1210	MaxKeV=68		
Event # = 21322									
87/05/24, 13:34	Start	DOY=144	End times	SMM Pointing:	N28W37		Pitch=-471", Yaw=-497", Roll=0deg	H. Ang=46deg	
Optical		Peak		CaPeak.c/s=24					
GOES 13:04	13:34	14:01		Peak3...c/s=18	Qual=00				
BCS 13:04	13:34	14:01		Wavelength=2788A					
FCS 13:47	13:47								
UVSP 13:56									
Event # = 8431									
87/05/24, 15:29	Start	DOY=144	End times	SMM Pointing:	N28W38		Pitch=-469", Yaw=-510", Roll=0deg	H. Ang=47deg	
Optical		Peak		Ha...Class=IB			Mac.=EHI		
GOES 15:25	15:29	16:10		Importance=M1	N28W37	AR4811	Carr. Lon.=339deg	H. Ang=46deg	
HXRBS 15:24:23	15:25:00	15:29:50		Peak...c/s=551	Qual=03				
BCS 14:39	15:29	15:36		CaPeak.c/s=774	Qual=01	Tot Cts=34620			
FCS 15:33	15:33			Peak3...c/s=148	Qual=1	FePeak=15:27			
UVSP 15:30				Wavelength=2788A	Code=02	Exp #=52628	#Peaks=2 dt= 7.7s	XEN=714406	
Radio	Frequency (MHz)/Flux(sfu):			606/95 1415/33 2695/68 8800/36 15400/15			Step=5" Cad=25.6s	1.024s/pixel	
							Step=0" Pitch=-370", Yaw=-331"		
Event # = 21323									
87/05/24, 16:16	Start	DOY=144	End times	SMM Pointing:	N28W39		Pitch=-469", Yaw=-520", Roll=0deg	H. Ang=48deg	
Optical		Peak		Ha...Class=SF			Mac.=EHI		
GOES 16:10	16:16	16:20		Importance=C1	N26W39	AR4811	Carr. Lon.=340deg	H. Ang=47deg	
HXRBS 16:10	16:16	16:49		Peak...c/s=30	Qual=01				
BCS 16:13	16:16			CaPeak.c/s=19	Qual=1	FePeak=16:15			
FCS 16:16	16:16			Peak3...c/s=19			#Peaks=1 dt= 7.7s	XEN=714407	
UVSP 16:07				Wavelength=2788A	Code=00	Exp #=52629	Step=15" Cad= 262s	1.024s/pixel	
							Step=0" Pitch=-370", Yaw=-335"		



Event # = 8432									
87/05/24, 16:22	DOY=144	Start	End times	SMM Pointing:	N28W39		Pitch=-469", Yaw=-520", Roll=0deg	H. Ang=48deg	
GOES 16:20	16:22	Peak	16:30	Importance=C1	Qual=01				
HXRBS 16:20:41	16:20:54	16:21:14		Peak...c/s=87	Qual=01	Tot Cts=288	MaxkeV=68		
UVSP 16:07				Wavelength=2788A	Code=01	Exp #=52629	Rast=180"x1"	Pitch=0"	Yaw=-335"
Event # = 21324									
87/05/24, 18:01	DOY=144	Start	End times	SMM Pointing:	N28W39		Pitch=-260", Yaw=-657", Roll=-20deg	H. Ang=48deg	
Optical				Ha...Class=SN	N25W39	AR4811	Mac.=EHI	Carr. Lon.=339deg	H. Ang=46deg
GOES 17:55	18:01	18:19		Importance=C2	Qual=01				
BGS 17:54	18:00	18:10		CaPeak.c/s=63	Qual=1	FePeak=17:59	FePeak.c/s=16	#Peaks=2	dt= 3.8s
FCS 18:02				Peak3...c/s=50			Rast=240"x240"	Step=10"	Cad= 590s
UVSP 17:52				Wavelength=2788A	Code=00	Exp #=52631	Rast=243"x243"	Step=3"	Pitch=-287", Yaw=-646"
Event # = 8433									
87/05/24, 19:29	DOY=144	Start	End times	SMM Pointing:	N28W40		Pitch=-256", Yaw=-667", Roll=-20deg	H. Ang=49deg	
Optical				Ha...Class=IN	N24W40	AR4811	Mac.=EHI	Carr. Lon.=339deg	H. Ang=46deg
GOES 19:20	19:29	19:36		Importance=C2	Qual=01				
HXRBS 19:20:43	19:22:04	19:23:04		Peak...c/s=132	Qual=01	Tot Cts=4102	MaxkeV=126		
BGS 19:23	19:28	19:34		CaPeak.c/s=28	Qual=1	FePeak=19:23	FePeak.c/s=11	#Peaks=1	dt= 7.7s
FCS 19:24				Peak3...c/s=20			Rast=240"x240"	Step=15"	Cad= 262s
UVSP 19:26				Wavelength=2788A	Code=00	Exp #=52632	Rast=243"x243"	Step=3"	Pitch=-284", Yaw=-654"
Radio Sweeps	Type/Intensity:			11/2 V/2					
Radio Frequency(MHz)/Flux(sfu):	606/11								
Event # = 8434									
87/05/24, 19:25:51	19:25:51	19:27:45		Peak...c/s=77	Associated	Event # = 8434	MaxkeV=126		
HXRBS 19:24:51				Qual=01	Tot Cts=2189				
Event # = 21325									
87/05/24, 19:41	DOY=144	Start	End times	SMM Pointing:	N28W40		Pitch=-256", Yaw=-667", Roll=-20deg	H. Ang=49deg	
GOES 19:36	19:41	20:03		Importance=C2	Qual=01				
BGS 19:37	19:40	19:47		CaPeak.c/s=32	Qual=1	FePeak=19:39	FePeak.c/s=8	#Peaks=1	dt= 7.7s
FCS 19:42				Peak3...c/s=23			Rast=240"x240"	Step=10"	Cad= 590s
UVSP 19:26				Wavelength=2788A	Code=00	Exp #=52632	Rast=243"x243"	Step=3"	Pitch=-284", Yaw=-654"
Event # = 21326									
87/05/24, 20:45	DOY=144	Start	End times	SMM Pointing:	N28W40		Pitch=-256", Yaw=-667", Roll=-20deg	H. Ang=49deg	
Optical				Ha...Class=1B	N25W46	AR4811	Mac.=EHI	Carr. Lon.=345deg	H. Ang=52deg
GOES 20:38	20:45	21:05		Importance=C2	Qual=05				
BGS 20:56	20:56	21:07		CaPeak.c/s=25	Qual=5	FePeak=20:56	FePeak.c/s=16	#Peaks=1	dt= 7.7s
FCS 20:57				Peak3...c/s=28			Rast=240"x240"	Step=15"	Cad= 262s
UVSP 20:56				Wavelength=1375A		Exp #=52633	Rast=280"x280"	Step=10"	Pitch=-230", Yaw=-693"
Event # = 8436									
87/05/24, 21:19	DOY=144	Start	End times	SMM Pointing:	N26W44		Pitch=-204", Yaw=-703", Roll=-20deg	H. Ang=50deg	
Optical				Ha...Class=1B	N25W46	AR4811	Mac.=EHI	Carr. Lon.=344deg	H. Ang=52deg
GOES 21:10	21:19	21:34		Importance=C3	Qual=01				
HXRBS 21:11:48	21:12:16	21:12:33		Peak...c/s=265	Qual=01	Tot Cts=2175	MaxkeV=185		
BGS 21:11	21:18	21:26		CaPeak.c/s=88	Qual=1	FePeak=21:17	FePeak.c/s=19	#Peaks=1	dt= 3.8s
FCS 21:14				Peak3...c/s=472			Rast=0"x0"	Step=0"	Cad=1.79s
UVSP 21:11				Wavelength=1375A	Code=00	Exp #=52636	Rast=30"x30"	Step=0"	Pitch=-224", Yaw=-669"

HXRBS 21:07:44 21:08:06 21:08:17 Peak...c/s=71 Associated Event # = 8435  
 UVSP 20:57 WaveLength=1375A Tot Cts=774 MaxkeV=155  
 HXRBS 21:16:32 21:17:23 21:17:53 Peak...c/s=132 Associated Event # = 8437  
 UVSP 20:57 WaveLength=1375A Tot Cts=3048 Rast=30"x30" Step=0" Pitch=-205", Yaw=-698"

Event # = 21327 87/05/25 DOY=145  
 87/05/25,03:19 DOY=145 SMM Pointing: N26W46 Pitch=-431", Yaw=-617", Roll=0deg H. Ang=52deg

Optical Start End times  
 GOES 03:13 03:19 03:29 Ha...Class=SF N32W39 AR4811 Mac.=EHI Carr. Lon.=334deg H. Ang=50deg  
 BCS 03:17 03:18 03:26 Importance=C2 Qual=04 FePeak=03:18 dt= 3.8s XEN=714500  
 FCS 03:18 03:18 03:18 CaPeak.c/s=42 Qual= 1 Rast=240"x240" Step=15" Cad= 590s 1.024s/pixel  
 UVSP 04:05 Peak3...c/s=24 Wavelength=2788A Exp #=52659 Rast=180"x1" Pitch=-332", Yaw=-446"

Event # = 8438 87/05/25,03:42 DOY=145 SMM Pointing: N26W47 Pitch=-431", Yaw=-627", Roll=0deg H. Ang=53deg  
 Optical Start End times  
 GOES 03:40 03:42 04:09 Ha...Class=28 N30W49 AR4811 Mac.=EHI Carr. Lon.=344deg H. Ang=56deg  
 HXRBS 03:40:15 03:41:10 03:43:55 Importance=M1 Qual=01 Tot Cts=24097  
 BCS 03:41 03:43 03:56 Peak...c/s=764 Qual=01 FePeak=03:42 dt= 7.7s XEN=714501  
 FCS 03:47 03:47 03:47 CaPeak.c/s=721 Qual= 1 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel  
 UVSP 04:05 Peak3...c/s=74 Wavelength=2788A Exp #=52659 Rast=180"x1" Pitch=-332", Yaw=-446"

BCS 03:56 03:56 04:01 Associated Event # = 21328  
 FCS 03:56 03:56 04:01 Qual= 5 FePeak=03:57 dt= 7.7s XEN=714502  
 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel  
 Event # = 8439 87/05/25,05:10 DOY=145 SMM Pointing: N26W47 Pitch=-431", Yaw=-627", Roll=0deg H. Ang=53deg  
 GOES 05:04 05:10 05:32 Importance=C2 Qual=01  
 HXRBS 04:55:15 04:56:00 04:59:25 Peak...c/s=239 Qual=01 Tot Cts=8597  
 BCS 05:00 05:07 05:18 CaPeak.c/s=75 Qual= 1 FePeak=05:06 dt= 3.8s XEN=714503  
 FCS 05:07 05:07 05:07 Peak3...c/s=212 Qual= 1 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel  
 UVSP 05:38 05:07 05:07 Wavelength=2788A Exp #=52660 Rast=180"x1" Pitch=-331", Yaw=-455"

Radio Frequency(MHz)/Flux(sfu): 245/110 410/250 606/42 15400/42  
 Event # = 21329 87/05/25,09:59 DOY=145 SMM Pointing: N26W51 Pitch=-427", Yaw=-661", Roll=0deg H. Ang=56deg  
 GOES 09:51 09:59 10:21 Importance=B9 Qual=01  
 BCS 09:58 09:58 10:02 CaPeak.c/s=20 Qual= 1 FePeak=09:58 dt= 7.7s XEN=714504  
 FCS 09:59 09:59 09:59 Peak3...c/s=14 Qual= 1 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel  
 UVSP 10:20 Wavelength=2788A Exp #=52663 Rast=180"x1" Pitch=-331", Yaw=-479"

Event # = 8650 87/05/25,13:26 DOY=145 SMM Pointing: N26W52 Pitch=-429", Yaw=-671", Roll=0deg H. Ang=57deg  
 Optical Start End times  
 GOES 13:02 13:26 13:40 Ha...Class=SF N27W51 AR4811 Mac.=EHI Carr. Lon.=341deg H. Ang=57deg  
 HXRBS 13:19:46 13:21:15 13:22:40 Importance=B8 Qual=03 Tot Cts=1800  
 UVSP 13:30 13:30 13:30 Peak...c/s=73 Qual=01 FePeak=09:58 dt= 7.7s XEN=714504  
 Radio Sweeps Type/Intensity: V/1 Code=02 Exp #=52667 Rast=180"x1" Pitch=-330", Yaw=-494"

Event # = 21330						
87/05/25, 16:25 Start	DOY=145 Peak	End times	SMM Pointing:	N26W54	Pitch=-428", Yaw=-692", Roll=0deg	H.Ang=59deg
Optical			Ha...Class-IN	AR4811	Mac.=EHI	Carr.Lon.=342deg H.Ang=61deg
G0ES 16:11	16:25	17:15	Importance=C4	N31W54 Qual=03	FtFeak.c/s=28 dt= 7.7s XEN=714505	
BCS 16:13	16:23	16:43	CaPeak.c/s=174	Qual= 1	Rast=0"x0"	Cad=1.02s 1.024s/pixel
FCS 16:22	16:22		Peak3...c/s=225		Rast=180"x1" Pitch=0"	Pitch=-329", Yaw=-509"
UVSP 16:38			Wavelength=2788A	Exp #-52671		
Event # = 21331						
87/05/25, 17:43 Start	DOY=145 Peak	End times	SMM Pointing:	N26W55	Pitch=-160", Yaw=-801", Roll=-20deg	H.Ang=59deg
G0ES 17:38	17:43	17:57	Importance=C1	Qual=01	FtFeak.c/s=8 dt= 7.7s XEN=714506	
BCS 17:41	17:43	17:47	CaPeak.c/s=24	Qual= 1	Rast=240"x240" Cad= 590s 1.024s/pixel	
FCS 17:47	17:47		Peak3...c/s=19		Rast=180"x1" Pitch=0"	Pitch=-65", Yaw=-616"
UVSP 17:15			Wavelength=2788A	Exp #-52672		
Event # = 8440						
87/05/25, 19:05 Start	DOY=145 Peak	End times	SMM Pointing:	N26W55	Pitch=-160", Yaw=-801", Roll=-20deg	H.Ang=59deg
Optical			Ha...Class-IN	AR4811	Mac.=EHI	Carr.Lon.=342deg H.Ang=62deg
G0ES 18:50	19:05	19:38	Importance=C6	N29W56 Qual=04	MaxkeV=68 Flags=SN,EG	
HXRBS 18:53:35	18:54:45	18:55:40	Peak...c/s=91	Qual=04	FtFeak.c/s=68 dt= 3.8s XEN=714507	
BCS 18:54	19:00	19:17	CaPeak.c/s=287	Qual= 1	Rast=25"x25" Cad=25.6s 1.024s/pixel	
FCS 19:13	19:13		Peak3...c/s=90		Rast=243"x243" Step=3" Pitch=-189", Yaw=-795"	
UVSP 18:58			Wavelength=2788A Code=00	Exp #-52674		
Event # = 8441						
87/05/25, 22:05 Start	DOY=145 Peak	End times	SMM Pointing:	N26W56	Pitch=-160", Yaw=-811", Roll=-20deg	H.Ang=61deg
G0ES 22:02:24	22:05:31	22:06:07	Peak...c/s=60 Wavelength=1375A	Qual=01 Tot Cts=966 Exp #-52684	MaxkeV=97 Rast=30"x30" Step=0" Pitch=-217", Yaw=-815"	
HXRBS 22:02:24	22:05:31	22:06:07				
UVSP 22:06						
Event # = 8442						
87/05/25, 22:28 Start	DOY=145 Peak	End times	SMM Pointing:	N26W57	Pitch=-156", Yaw=-821", Roll=-20deg	H.Ang=62deg
Optical			Ha...Class-SN	AR4811	Mac.=EHI	Carr.Lon.=339deg H.Ang=60deg
G0ES 22:25	22:28	22:29	Importance=M1	N29W54 Qual=01	MaxkeV=97	XEN=714508
HXRBS 22:25:44	22:25:58	22:26:10	Peak...c/s=88	Qual=01	FtFeak.c/s=7 dt= 7.7s XEN=714508	
BCS 22:27	22:27	22:28	CaPeak.c/s=20	Qual= 1	Rast=240"x240" Cad= 590s 1.024s/pixel	
FCS 22:27	22:27		Peak3...c/s=11		Rast=30"x30" Pitch=0"	Pitch=-156", Yaw=-806"
UVSP 22:20			Wavelength=1375A Code=00	Exp #-52686		
Radio Sweeps	Type/Intensity: III/3 V/2					
87/05/26 DOY=I46						
Event # = 8443						
87/05/26, 00:08 Start	DOY=146 Peak	End times	SMM Pointing:	N26W57	Pitch=-156", Yaw=-821", Roll=-20deg	H.Ang=62deg
Optical			Ha...Class-IN	AR4811	Mac.=EHI	Carr.Lon.=337deg H.Ang=61deg
G0ES 00:01	00:08	00:16	Importance=C1	N35W53 Qual=01	MaxkeV=126	XEN=714600
HXRBS 00:06:12	00:06:51	00:07:15	Peak...c/s=91	Qual=01	FtFeak.c/s=7 dt= 7.7s XEN=714600	
BCS 00:07	00:07	00:08	CaPeak.c/s=18	Qual= 1	Rast=30"x30" Pitch=0"	Pitch=-274", Yaw=-773"
UVSP 00:09			Wavelength=1375A Code=02	Exp #-52696		
Radio Frequency(MHz)/Flux(sfu)		2695/20				

Event # = 21332									
87/05/26,00:30	DOY=146	SMM Pointing:	N26W57	Pitch=-156", Yaw=-821", Roll=-20deg	H. Ang=62deg				
Start	Peak	Importance=B8	Qual=01						
GOES 00:20	00:30	CaPeak.c/s=21	Qual=1	FePeak=00:30					
BCS 00:30	00:30	Wavelength=1375A	Code=00	Exp #=52698					
UVSP 00:22									
Event # = 8444									
87/05/26,00:36	DOY=146	SMM Pointing:	N26W57	Pitch=-156", Yaw=-821", Roll=-20deg	H. Ang=62deg				
Start	Peak	Ha...Class=SF	N25W57	Mac.=EHI					
Optical 00:33	00:36	Importance=C2	Qual=02	Carr.Lon.=340deg	H. Ang=61deg				
GOES 00:33:37	00:33:53	Peak...c/s=133	Qual=01	MaxkeV=97					
HXRBS 00:33:37	00:34:12	Wavelength=1375A	Code=01	Rast=30"x30"	Pitch=-213", Yaw=-824"				
UVSP 00:22		Type/Intensity:							
Radio Sweeps		111/3 V/3							
Radio Frequency(MHz)/Flux(sfu):		606/23 1415/17 2695/14 4995/27 8800/69							
Event # = 21333									
87/05/26,01:12	DOY=146	SMM Pointing:	N26W59	Pitch=-427", Yaw=-730", Roll=0deg	H. Ang=63deg				
Start	Peak	Importance=C2	Qual=01						
GOES 01:12	01:26	CaPeak.c/s=59	Qual=1	FePeak=01:12					
BCS 01:12	01:22	Peak3...c/s=158		Rast=60"x60"	dt= 7.7s XEN=714602				
FCS 01:37	01:37	Wavelength=2788A	Code=00	Rast=180"x1"	Cad= 949s 26.37s/pixel				
UVSP 01:06				Exp #=52699	Pitch=-327", Yaw=-546"				
Event # = 8445									
87/05/26,06:16	DOY=146	SMM Pointing:	N26W62	Pitch=-426", Yaw=-751", Roll=0deg	H. Ang=65deg				
Start	Peak	Ha...Class=SN	N24W59	Mac.=EHI					
Optical 06:11	06:16	Importance=C3	Qual=01	Carr.Lon.=339deg	H. Ang=63deg				
GOES 06:11:13	06:12:07	Peak...c/s=62	Qual=01	AR4811					
HXRBS 06:11:13	06:13:16	CaPeak.c/s=113	Qual=1	Tot Cts=806					
BCS 06:06	06:14	Peak3...c/s=32		FePeak=06:13	#Peaks=1 dt= 3.8s XEN=714603				
FCS 06:16	06:16	Wavelength=2788A		Exp #=52703	Cad= 590s 1.024s/pixel				
UVSP 06:46					Pitch=-326", Yaw=-568"				
Event # = 21334									
87/05/26,07:50	DOY=146	SMM Pointing:	N26W62	Pitch=-426", Yaw=-751", Roll=0deg	H. Ang=65deg				
Start	Peak	Ha...Class=SN	N29W61	Mac.=EHI					
Optical 07:42	07:50	Importance=C1	Qual=01	Carr.Lon.=340deg	H. Ang=66deg				
GOES 07:42	07:50	CaPeak.c/s=51	Qual=1	FePeak=07:46	dt= 3.8s XEN=714604				
BCS 07:44	07:49	Peak3...c/s=26		Exp #=52704	Cad= 590s 1.024s/pixel				
FCS 07:48	07:48	Wavelength=2788A			Pitch=-326", Yaw=-574"				
UVSP 08:20									
Event # = 21335									
87/05/26,11:05	DOY=146	SMM Pointing:	N26W63	Pitch=-425", Yaw=-761", Roll=0deg	H. Ang=67deg				
Start	Peak	Importance=C1	Qual=01						
GOES 10:40	11:05	CaPeak.c/s=35	Qual=4	FePeak=11:03	dt= 7.7s XEN=714605				
BCS 10:59	11:04	Peak3...c/s=20		Rast=240"x240"	Cad= 590s 1.024s/pixel				
FCS 11:04	11:04	Wavelength=2788A		Rast=180"x1"	Pitch=-325", Yaw=-585"				
UVSP 11:29				Exp #=52706					

Event # = 21336									
87/05/26	16:54	DOY=146	SMM Pointing:		N26W67	Pitch=-129", Yaw=-883", Roll=-20deg		H. Ang=70deg	
	Start	Peak	End times						
GOES	16:46	16:54	16:58	Importance=C1	Qual=04				
BCS	16:54	16:54	16:56	CaPeak.c/s=20	Qual= 5	FePeak=16:54	FePeak.c/s=9	#Peaks=1	dt= 7.7s
FCS	16:54	16:54		Peak3..c/s=17			Rast=0"x0"	Step=0"	XEN=714606
UVSP	16:54			Wavelength=1375A	Code=02	Exp #=52713	Rast=280"x280"	Step=10"	3840s/pixel
									Pitch=-155", Yaw=-874"
Event # = 8446									
87/05/26	17:02	DOY=146	SMM Pointing:		N26W67	Pitch=-129", Yaw=-883", Roll=-20deg		H. Ang=70deg	
	Start	Peak	End times						
GOES	16:58	17:02	17:10	Importance=B9	Qual=01				
HXRBS	17:01:08	17:01:34	17:02:02	Peak...c/s=189	Qual=01	Tot Cts=1239	MaxkeV=155		
BCS	17:02	17:03	17:04	CaPeak.c/s=20	Qual= 1	FePeak=17:02	FePeak.c/s=8	#Peaks=1	dt= 7.7s
FCS	17:03	17:03		Peak3..c/s=16			Rast=240"x240"	Step=10"	XEN=714607
UVSP	16:56			Wavelength=1375A	Code=00	Exp #=52714	Rast=30"x30"	Cad= 590s	1.024s/pixel
								Pitch=-190", Yaw=-879"	
Event # = 8447									
87/05/26	17:22	DOY=146	SMM Pointing:		N26W67	Pitch=-129", Yaw=-883", Roll=-20deg		H. Ang=70deg	
	Start	Peak	End times						
GOES	17:10	17:22	17:25	Importance=C3	Qual=01				
HXRBS	17:19:09	17:20:10	17:21:22	Peak...c/s=219	Qual=01	Tot Cts=3985	MaxkeV=126		
BCS	17:20	17:21	17:51	CaPeak.c/s=107	Qual= 1	FePeak=17:21	FePeak.c/s=28	#Peaks=1	dt= 3.8s
FCS	17:32	17:32		Peak3..c/s=353			Rast=0"x0"	Step=0"	XEN=714608
UVSP	17:11			Wavelength=1375A	Code=00	Exp #=52716	Rast=30"x30"	Cad=1.79s	1.792s/pixel
								Pitch=-179", Yaw=-869"	
Event # = 21337									
87/05/26	18:43	DOY=146	SMM Pointing:		N26W67	Pitch=-129", Yaw=-883", Roll=-20deg		H. Ang=70deg	
	Start	Peak	End times						
GOES	18:39	18:43	19:03	Importance=C1	Qual=01				
BCS	18:41	18:42	18:51	CaPeak.c/s=32	Qual= 1	FePeak=18:41	FePeak.c/s=8	#Peaks=1	dt= 7.7s
FCS	18:49	18:49		Peak3..c/s=16			Rast=240"x240"	Step=10"	XEN=714609
UVSP	18:30			Wavelength=1375A	Code=00	Exp #=52722	Rast=30"x30"	Cad= 590s	1.024s/pixel
								Pitch=-178", Yaw=-883"	
Event # = 21338									
87/05/26	20:03	DOY=146	SMM Pointing:		N26W67	Pitch=-129", Yaw=-883", Roll=-20deg		H. Ang=70deg	
	Start	Peak	End times						
GOES	20:02	20:03	20:52	CaPeak.c/s=126	Qual=00				
BCS	20:02	20:18	20:52	Peak3..c/s=431	Qual= 4	FePeak=20:03	FePeak.c/s=17	#Peaks=2	dt= 3.8s
FCS	20:04	20:18		Wavelength=1375A			Rast=0"x0"	Step=0"	XEN=714610
UVSP	20:04					Exp #=52729	Rast=280"x280"	Cad=1.02s	1.024s/pixel
								Pitch=-151", Yaw=-882"	
Event # = 8448									
87/05/26	22:19	DOY=146	SMM Pointing:		N26W69	Pitch=-125", Yaw=-894", Roll=-20deg		H. Ang=72deg	
	Start	Peak	End times						
GOES	22:15:00	22:19:24	22:23:57	Peak...c/s=66	Qual=00				
HXRBS	22:15:00	22:19:24	22:23:57	Wavelength=1375A	Qual=01	Tot Cts=3676	MaxkeV=185		
UVSP	22:07					Exp #=52742	Rast=30"x30"	Step=0"	Pitch=-173", Yaw=-882"

Event # = 21339		87/05/27		DOY=147	
87/05/27, 00:11	Start	DOY=147	Peak	SMM Pointing:	Pitch=-125", Yaw=-894", Roll=-20deg
Optical	End times				H. Ang=72deg
GOES 23:50	00:11			Ha...Class=SF	
BCS 23:53	00:04			Importance=C3	
FCS	00:04			CaPeak.c/s=87	
UVSP 00:39				Peak3..c/s=116	
Radio Sweeps	Type/Intensity:			Wavelength=2788A	
				III/2 V/I	
Event # = 21340		87/05/27, 00:49		DOY=147	
87/05/27, 00:49	Start	DOY=147	Peak	SMM Pointing:	Pitch=-433", Yaw=-805", Roll=0deg
GOES 00:46	00:57			Importance=C2	
BCS 00:44	00:46			CaPeak.c/s=37	
FCS	00:59			Peak3..c/s=27	
UVSP 00:39				Wavelength=2788A	
Radio Sweeps	Type/Intensity:			III/1 V/I	
Event # = 8449		87/05/27, 01:14		DOY=147	
87/05/27, 01:14	Start	DOY=147	Peak	SMM Pointing:	Pitch=-433", Yaw=-805", Roll=0deg
GOES 01:09	01:23			Importance=C2	
HXRBS 01:10:02	01:10:10			Peak...c/s=63	
BCS 01:10	01:13			CaPeak.c/s=46	
FCS	01:16			Peak3..c/s=314	
UVSP 01:37				Wavelength=2788A	
Event # = 8450		87/05/27, 01:31		DOY=147	
87/05/27, 01:31	Start	DOY=147	Peak	SMM Pointing:	Pitch=-433", Yaw=-805", Roll=0deg
Optical	End times				H. Ang=74deg
GOES 01:28	01:35			Ha...Class=SF	
HXRBS 01:28:47	01:28:58			Importance=C3	
BCS 01:28	01:30			Peak...c/s=71	
FCS	01:42			CaPeak.c/s=102	
UVSP 01:37				Peak3..c/s=539	
Radio Sweeps	Type/Intensity:			Wavelength=2788A	
				III/2	
Event # = 8451		87/05/27, 01:40		DOY=147	
87/05/27, 01:40	Start	DOY=147	Peak	SMM Pointing:	Pitch=-433", Yaw=-805", Roll=0deg
Optical	End times				H. Ang=74deg
GOES 01:35	01:40			Ha...Class=SF	
HXRBS 01:35:07	01:35:18			Importance=C2	
BCS 01:35	01:42			Peak...c/s=70	
FCS	01:42			CaPeak.c/s=102	
UVSP 01:37				Peak3..c/s=539	
Radio Sweeps	Type/Intensity:			Wavelength=2788A	
				III/2	
Event # = 21341		87/05/27, 17:59		DOY=147	
87/05/27, 17:59	Start	DOY=147	Peak	SMM Pointing:	Pitch=-108", Yaw=-943", Roll=-20deg
Optical	End times				H. Ang=82deg
GOES 17:40	17:59			Ha...Class=SN	
BCS 18:01	18:02			Importance=C2	
FCS	18:11			CaPeak.c/s=54	
UVSP 18:03				Peak3..c/s=27	
Radio Sweeps	Type/Intensity:			Wavelength=1375A	
				Code=02	

87/05/28 DOY=148									
Event # = 8452		87/05/28,00:48		DOY=148	SMM Pointing:		N27W86	Pitch=-428", Yaw=-845", Roll=0deg H.Ang=87deg	
Start		End times		Peak					
G0ES	00:43	00:48	00:57	00:48	Importance=C1		Qual=01		
HRBS	00:45:36	00:45:49	00:45:58	00:45:49	Peak...c/s=81		Qual=01		
BCS	00:46	00:48	00:50	00:48	CaPeak.c/s=30		Qual=1		
FCS	00:48	00:48		00:48	Peak3...c/s=28				
UVSP	00:20	Type/Intensity:		Wavelength=1375A		Code=00	Exp #=52765	#Peaks=1 dt= 7.7s XEN=714800	
Radio Sweeps	Frequency (MHz)/Flux(sfu):		V/3		245/42		Rast=240"x240" Cad= 590s 1.024s/pixel		
Radio							Rast=280"x280" Pitch=10" Step=10"		Pitch=-453", Yaw=-820"
Event # = 8453		87/05/28,08:53		DOY=148	SMM Pointing:		AR4811	Flags=NS,GB	
Start		End times		Peak				Step=0" Pitch=-328", Yaw=-646"	
HRBS	08:53:31	08:53:48	08:54:03	08:53:48	Peak...c/s=180		Qual=01	MaxkeV=463	
UVSP	09:02	Wavelength=2788A				Exp #=52770		Rast=180"x1"	
Event # = 21342		87/05/28,11:14		DOY=148					
Start		End times		Peak					
G0ES	10:25	11:14	12:01	11:14	Importance=C2		Qual=05	#Peaks=1 dt= 7.7s XEN=714801	
BCS	11:38	11:38	11:52	11:38	CaPeak.c/s=23		Qual= 5	Cad= 262s 1.024s/pixel	
FCS	11:46	11:46		11:46	Peak3...c/s=20			Pitch=-328", Yaw=-646"	
UVSP	11:11	Wavelength=2788A		Code=00		Exp #=52772		Step=0"	
Event # = 8455		87/05/28,22:22		DOY=148	SMM Pointing:			Pitch=-112", Yaw=-971", Roll=-20deg	
Start		End times		Peak					
G0ES	22:18	22:22	22:27	22:22	Importance=B4		Qual=01	MaxkeV=69	
HRBS	22:19:40	22:20:05	22:20:33	22:20:05	Peak...c/s=66		Qual=01	Rast=180"x1" Step=0" Pitch=-13", Yaw=-771"	
UVSP	22:12	Wavelength=2788A		Code=00		Exp #=52786			
Event # = 21343		87/05/29		DOY=149					
Start		End times		Peak					
G0ES	01:39	02:18	02:27	02:18	Importance=C2		Qual=03	Pitch=-432", Yaw=-866", Roll=0deg	
BCS	01:53	02:17	02:23	02:17	CaPeak.c/s=45		Qual= 1	#Peaks=1 dt= 7.7s XEN=714900	
FCS	02:18	02:18		02:18	Peak3...c/s=50			Cad= 590s 1.024s/pixel	
UVSP	02:18	Wavelength=2788A		Code=02		Exp #=52791		Pitch=-327", Yaw=-676"	
Radio Sweeps	Type/Intensity:		V/2						
Event # = 8477		87/05/29,16:04		DOY=149	SMM Pointing:			Pitch=-103", Yaw=-973", Roll=-20deg	
Start		End times		Peak					
G0ES	16:03:19	16:04:22	16:04:53	16:04:22	Peak...c/s=85		Qual=01	Flags=I	
HRBS	16:26	Wavelength=2788A				Exp #=52803		Pitch=-13", Yaw=-771"	
UVSP	16:26			Qual=00				MaxkeV=126	
				Qual=01				Rast=180"x1" Step=0"	

Event # = 8478	DOY=149	SMM Pointing:	Qual=03	Tot Cts=9862	MaxkeV=69	Flags=1	Pitch=-103", Yaw=-973", Roll=-20deg
87/05/29, 16:23	Peak	Importance=89	Qual=01	FePeak=16:22	FePeak.c/s=30	#Peaks=1	
GOES 16:12	16:23	Peak...c/s=85	Qual= 1		Rast=30"x30"	Step=10"	dt= 3.8s XEN=714901
16:14:18	16:18:35	CaPeak.c/s=79			Rast=180"x1"	Step=0"	Cad=76.0s 8.448s/pixel
BCS 16:21	16:22	Peak3...c/s=41		Exp #=52803			Pitch=-13", Yaw=-771"
FCS 16:26		Wavelength=2788A	Code=02				
UVSP 16:26							
Event # = 21345	DOY=149	SMM Pointing:	Qual=00	FePeak=22:33	FePeak.c/s=16	#Peaks=2	Pitch=-103", Yaw=-973", Roll=-20deg
87/05/29, 22:34	Peak	CaPeak.c/s=29	Qual= 1		Rast=0"x0"	Step=0"	dt= 7.7s XEN=714902
GOES 21:52	22:34	Peak3...c/s=84		Exp #=52811	Rast=180"x1"	Step=0"	Cad=1.02s 1.024s/pixel
BCS 22:43	22:32	Wavelength=2788A					Pitch=-13", Yaw=-771"
FCS 22:43							
UVSP 22:43							
Event # = 21344	DOY=149	SMM Pointing:	Qual=00	FePeak=23:26	FePeak.c/s=12	#Peaks=1	Pitch=-427", Yaw=-875", Roll=0deg
87/05/29, 23:27	Peak	CaPeak.c/s=31	Qual= 3		Rast=240"x240"	Step=10"	dt= 7.7s XEN=714903
GOES 23:25	23:27	Peak3...c/s=27		Exp #=52812	Rast=180"x1"	Step=0"	Cad= 590s 1.024s/pixel
BCS 23:25	23:25	Wavelength=2788A					Pitch=-327", Yaw=-676"
FCS 23:19		Type/Intensity: 111/1					
UVSP 23:19		Frequency(MHz)/Flux(sfu): 245/46					
Radio Sweeps							
Radio Frequency							
Event # = 21346	DOY=150	SMM Pointing:	Qual=00	FePeak=01:00	FePeak.c/s=10	#Peaks=1	Pitch=-427", Yaw=-875", Roll=0deg
87/05/30, 01:00	Peak	CaPeak.c/s=19	Qual= 5		Rast=25"x25"	Step=5"	dt= 7.7s XEN=715000
GOES 01:00	01:00	Peak3...c/s=20		Exp #=52814	Rast=180"x1"	Step=0"	Cad=25.6s 1.024s/pixel
BCS 01:02	01:02	Wavelength=2788A					Pitch=-327", Yaw=-676"
FCS 00:54							
UVSP 00:54							
Event # = 8462	DOY=152	SMM Pointing:	Qual=00	Tot Cts=74	MaxkeV=69	Flags=NS, GB	Pitch=-55", Yaw=-813", Roll=-20deg
87/06/01, 16:45	Peak	Peak...c/s=57	Qual=01	Exp #=52887	Rast=180"x1"	Step=0"	H. Ang=59deg
GOES 16:45:43	16:45:53	Wavelength=2788A					
HXRBS 16:40	16:45:59						
UVSP 16:40							
Event # = 8463	DOY=153	SMM Pointing:	Qual=01	Tot Cts=789	MaxkeV=350	Flags=NS, GB	Pitch=-329", Yaw=-783", Roll=0deg
87/06/02, 01:16	Peak	Peak...c/s=179	Qual=01	Exp #=52896	Rast=180"x1"	Step=0"	H. Ang=64deg
GOES 01:15:59	01:16:07	Wavelength=2788A					
HXRBS 01:16:27	01:16:27						
UVSP 01:08							



Event # = 12761		87/06/09	DOY=160				
87/06/09, 23:47	DOY=160	SMM Pointing:		N29E87		Pitch=-458", Yaw=+827", Roll=0deg	
Start	Peak	End times				H.Ang=87deg	
HXRBS 23:46:17	23:47:15	23:47:26		Qual=01		MaxkeV=578	
UVSP 23:11		Wavelength=2788A		Tot Cts=520		Rast=180"x1"	
				Exp #=53092		Flags=NS,GB	
						Step=0" Pitch=-359", Yaw=+771"	
Event # = 8466		87/06/10	DOY=161				
87/06/10, 01:35	DOY=161	SMM Pointing:		N29E86		Pitch=+827", Yaw=+457", Roll=90deg	
Start	Peak	End times				H.Ang=86deg	
GOES 01:35:14	01:35:21	01:35:36		Qual=00			
HXRBS 01:35:14	01:35:21	01:35:36		Qual=01		MaxkeV=578	
UVSP 00:54		Wavelength=1375A		Tot Cts=312		Rast=265"x265"	
				Exp #=53093		Flags=AX	
						Step=5" Pitch=+799", Yaw=+485"	
Event # = 8467		87/06/11	DOY=162				
87/06/11, 01:06	DOY=162	SMM Pointing:		AR4811			
Start	Peak	End times					
GOES 01:06:17	01:06:18	01:06:52		Qual=00		MaxkeV=578	
HXRBS 01:06:17	01:06:18	01:06:52		Qual=01		Rast=180"x1"	
UVSP 01:15		Wavelength=2788A		Tot Cts=686		Flags=AX	
				Exp #=53123		Step=0" Pitch=-359", Yaw=+771"	
Event # = 8468		87/06/14	DOY=165				
87/06/14, 19:35	DOY=165	SMM Pointing:		N32E50		Pitch=-493", Yaw=+612", Roll=0deg	
Start	Peak	End times				H.Ang=56deg	
GOES 19:32:38	19:35:26	19:43:48		Qual=00			
HXRBS 19:32:38	19:35:26	19:43:48		Qual=01		MaxkeV=578	
UVSP 19:31		Wavelength=1375A		Tot Cts=6959		Rast=30"x30"	
				Exp #=53249		Flags=AX	
						Step=0" Pitch=-493", Yaw=+663"	
Event # = 8469		87/06/15	DOY=166				
87/06/15, 12:51	DOY=166	SMM Pointing:		N32E41		Pitch=-642", Yaw=+328", Roll=-20deg	
Start	Peak	End times				H.Ang=50deg	
GOES 12:50:07	12:51:53	12:55:04		Qual=00			
HXRBS 12:50:07	12:51:53	12:55:04		Qual=01		MaxkeV=126	
UVSP 12:40		Wavelength=2788A		Tot Cts=16591		Rast=180"x1"	
				Exp #=53290		Step=0" Pitch=-541", Yaw=+269"	
Event # = 8470		87/06/15	DOY=166				
87/06/15, 19:04	DOY=166	SMM Pointing:		N32E40		Pitch=-490", Yaw=+516", Roll=0deg	
Start	Peak	End times				H.Ang=49deg	
GOES 19:04:08	19:04:24	19:15:32		Qual=00			
HXRBS 19:04:08	19:04:24	19:15:32		Qual=01		MaxkeV=578	
UVSP 19:03		Wavelength=1375A		Tot Cts=41988		Rast=30"x30"	
				Exp #=53307		Flags=AX	
						Step=0" Pitch=-500", Yaw=+560"	
Event # = 8471		87/06/17	DOY=168				
87/06/17, 08:42	DOY=168	SMM Pointing:		N30E16		Pitch=-506", Yaw=+53", Roll=-20deg	
Start	Peak	End times				H.Ang=33deg	
HXRBS 08:42:06	08:42:22	08:42:51		Qual=01		MaxkeV=578	
UVSP 08:38		Wavelength=2788A		Tot Cts=2730		Rast=180"x1"	
				Exp #=53355		Flags=NS,GB	
						Step=0" Pitch=-404", Yaw=-9"	

87/06/24 DOY=175									
Event # = 8472	87/06/24, 00:16	DOY=175	SMM Pointing:	N17W00				Pitch=-245", Yaw=-1", Roll=0deg	H. Ang=15deg
GOES	Start	Peak	End times	Qual=00					
HXRBS	00:15:07	00:16:11	00:17:29	Qual=01	Tot Cts=3053			MaxkeV=216	
UVSP	00:56			Wave length=2788A	Exp # = 53549			Rast=15" x15"	Pitch=-273", Yaw=+12"
87/07/03 DOY=184									
Event # = 8481	87/07/03, 22:51	DOY=184	SMM Pointing:	N03W00				Pitch=+0", Yaw=+0", Roll=-20deg	H. Ang=0deg
GOES	Start	Peak	End times	Qual=00					
HXRBS	22:51:47	22:51:50	22:51:55	Qual=01	Tot Cts=689			MaxkeV=69	Flags=M1, AX
UVSP	23:06			Wave length=2788A	Exp # = 53835			Rast=180" x1"	Step=0" Pitch=+7", Yaw=+16"
87/07/05 DOY=186									
Event # = 8482	87/07/05, 22:59	DOY=186	SMM Pointing:	N03W00				Pitch=+2", Yaw=+1", Roll=-20deg	H. Ang=0deg
GOES	Start	Peak	End times	Qual=00					
HXRBS	22:58:15	22:59:58	23:06:51	Qual=01	Tot Cts=5501			MaxkeV=126	
UVSP	22:48			Wave length=2788A	Exp # = 53887			Rast=180" x1"	Step=0" Pitch=+7", Yaw=+16"
87/07/16 DOY=197									
Event # = 8484	87/07/16, 01:19	DOY=197	SMM Pointing:	N36E21				Pitch=-565", Yaw=+85", Roll=-20deg	H. Ang=37deg
Optical	Start	Peak	End times	Code=EPL					
GOES	01:03	01:19	01:27	Importance=C4	Qual=03				
HXRBS	01:11:16	01:11:48	01:13:25	Peak...c/s=153	Qual=01			MaxkeV=126	Carr. Lon.=238deg
UVSP	01:38			Wave length=2788A	Tot Cts=3380			Rast=180" x1"	H. Ang=92deg
Radio	Frequency(MHz)/Flux(sfu):	Type/Intensity:	111/1 V/1		Exp # = 54139			Step=0" Pitch=-426", Yaw=+3"	
87/07/22 DOY=203									
Event # = 21347	87/07/22, 15:34	DOY=203	SMM Pointing:	S30W08				Pitch=+552", Yaw=+74", Roll=-20deg	H. Ang=36deg
Optical	Start	Peak	End times	Ha...Class=SN					
GOES	15:21	15:34	15:56	Importance=C2	Qual=01			Mac.=CR0	Carr. Lon.=254deg
BCS	15:24	15:32	15:47	CaPeak.c/s=55	Qual=1	AR4826		FePeak.c/s=11	H. Ang=36deg
FCS				Wave length=2788A	Code=00	FePeak=15:33		Rast=0" x0"	XEN=720300
UVSP	15:17				Exp # = 54331			Rast=180" x1"	Cad=.26s 0.256s/pixel
87/07/22 DOY=203									
Event # = 8496	87/07/22, 15:59	DOY=203	SMM Pointing:	S30W08				Pitch=+552", Yaw=+74", Roll=-20deg	H. Ang=36deg
GOES	Start	Peak	End times	Importance=88	Qual=01				
HXRBS	15:57	15:59	16:00	Peak...c/s=76	Qual=01			MaxkeV=127	
UVSP	15:53	15:58:08	15:58:54	Wave length=2788A	Code=00	Tot Cts=725		Rast=180" x1"	Pitch=+433", Yaw=+0"
Radio	Frequency(MHz)/Flux(sfu):	1415/57	2695/52	4995/18	Exp # = 54333				

Event # = 21348									
87/07/22,16:51	Start	DOY=203	End times	SMM Pointing:	S30W08		Pitch=+552", Yaw=+74", Roll=-20deg	H. Ang=36deg	
Optical		Peak		Ha...Class=SN			Mac.=CR0	Carr. Lon.=253deg	H. Ang=36deg
GOES	16:36	16:51	17:11	Ha...Class=SF	AR4826			Carr. Lon.=183deg	H. Ang=62deg
BCS	16:57	16:58	17:09	Importance=C3	Qual=05		FePeak.c/s=8	#Peaks=1	XEN=720301
FCS				CaPeak.c/s=35	Qual= 4		Rast=0"x0"	Step=0"	Cad=.26s
UVSP	16:52			Wavelength=2788A	Code=02	Exp #=54335	Rast=180"x1"	Pitch=+435"	Yaw=-7"
Event # = 8497									
87/07/22,17:50	Start	DOY=203	End times	SMM Pointing:	S30W09		Pitch=+556", Yaw=+63", Roll=-20deg	H. Ang=36deg	
GOES	17:48	17:50	17:53	Importance=B9	Qual=01				
HXRBS	17:49:09	17:49:17	17:49:30	Peak...c/s=52	Qual=01	Tot Cts=55	MaxkeV=69		
UVSP	17:44			Wavelength=2788A	Code=00	Exp #=54338	Rast=180"x1"	Step=0"	Pitch=+437", Yaw=-13"
Event # = 21349									
87/07/22,20:03	Start	DOY=203	End times	SMM Pointing:	S28W15		Pitch=+560", Yaw=-32", Roll=-20deg	H. Ang=36deg	
Optical		Peak		Ha...Class=SF			Mac.=CR0	Carr. Lon.=254deg	H. Ang=36deg
GOES	19:53	20:03	20:35	Importance=C1	Qual=05	AR4826	FePeak.c/s=6	#Peaks=1	XEN=720302
BCS	20:05	20:06	20:08	CaPeak.c/s=20	Qual= 1	FePeak=20:06	Rast=0"x0"	Step=0"	Cad=.26s
FCS				Wavelength=2788A	Code=02	Exp #=54342	Rast=243"x243"	Step=3"	Pitch=+571", Yaw=-31"
UVSP	20:09			Wavelength=2788A	Code=02	Exp #=54342			
Event # = 21350									
87/07/23,03:16	Start	DOY=204	End times	SMM Pointing:	S28W20		Pitch=+514", Yaw=-280", Roll=0deg	H. Ang=38deg	
GOES	03:09	03:16	03:21	Importance=C2	Qual= 1	FePeak=03:14	FePeak.c/s=13	#Peaks=1	XEN=720400
BCS	03:13	03:15	03:19	CaPeak.c/s=63	Code=00	Exp #=54358	Rast=0"x0"	Step=0"	Cad=.26s
FCS				Wavelength=2788A	Code=00	Exp #=54358	Rast=180"x1"	Step=0"	Pitch=+393", Yaw=-356"
UVSP	03:09			Wavelength=2788A	Code=00	Exp #=54358			
Event # = 8498									
87/07/23,09:25	Start	DOY=204	End times	SMM Pointing:	S28W23		Pitch=+513", Yaw=-325", Roll=0deg	H. Ang=40deg	
Optical		Peak		Ha...Class=SF			Mac.=CS0	Carr. Lon.=253deg	H. Ang=42deg
GOES	09:17	09:25	09:34	Importance=C3	Qual=03	AR4826	MaxkeV=97	#Peaks=1	XEN=720401
HXRBS	09:20:52	09:21:19	09:22:02	Peak...c/s=66	Qual=01	Tot Cts=427	FePeak.c/s=28	dt= 3.8s	XEN=720401
BCS	09:21	09:24	09:36	CaPeak.c/s=154	Qual= 1	FePeak=09:23	Rast=0"x0"	Step=0"	Cad=.26s
FCS				Wavelength=2788A	Code=00	Exp #=54373	Rast=180"x1"	Step=0"	Pitch=+392", Yaw=-400"
UVSP	09:09			Wavelength=2788A	Code=00	Exp #=54373			
Event # = 21351									
87/07/23,12:33	Start	DOY=204	End times	SMM Pointing:	S28W25		Pitch=+600", Yaw=-150", Roll=-20deg	H. Ang=41deg	
GOES	12:28	12:33	12:39	Importance=C1	Qual=01	FePeak=12:30	FePeak.c/s=9	#Peaks=1	XEN=720402
BCS	12:30	12:32	12:39	CaPeak.c/s=39	Qual= 1	FePeak=12:30	Rast=0"x0"	Step=0"	Cad=.26s
FCS				Wavelength=2788A	Code=00	Exp #=54381	Rast=180"x1"	Step=0"	Pitch=+481", Yaw=-225"
UVSP	12:17			Wavelength=2788A	Code=00	Exp #=54381			

Event # = 8499									
87/07/23, 13:53	DOY=204	Start	Peak	End times	SMM Pointing:	S28W25	Pitch=+603", Yaw=-161", Roll=-20deg	H. Ang=41deg	
Optical					Ha...Class=SF				
GOES 13:46	13:53	14:00			Importance=C1	AR4826	Mac.=CSO	H. Ang=42deg	
HXRBS 13:46:00	13:46:40	13:47:11			Peak...c/s=315				
BCS 13:50	13:52	13:55			CaPeak.c/s=32				
FCS					Wavelength=2788A				
UVSP 13:52					Code=00				
Radio					606/62 1415/22 2695/50 4995/39 8800/27 15400/27				
Event # = 21352									
87/07/23, 17:00	DOY=204	Start	Peak	End times	SMM Pointing:	S28W27	Pitch=+610", Yaw=-182", Roll=-20deg	H. Ang=42deg	
Optical					Ha...Class=SF				
GOES 16:54	17:00	17:12			Importance=89	AR4826	Mac.=CSO	H. Ang=42deg	
BCS 16:57	16:59	17:03			CaPeak.c/s=33				
FCS					Wavelength=2788A				
UVSP 16:43					Code=00				
Event # = 8500									
87/07/23, 18:17	DOY=204	Start	Peak	End times	SMM Pointing:	S28W28	Pitch=+613", Yaw=-192", Roll=-20deg	H. Ang=43deg	
Optical					Ha...Class=SN				
GOES 18:00	18:17	18:45			Importance=C3	AR4826	Mac.=CSO	H. Ang=43deg	
HXRBS 18:12:55	18:14:27	18:15:08			Peak...c/s=67				
BCS 18:14	18:16	18:31			CaPeak.c/s=119				
FCS					Wavelength=1375A				
UVSP 18:07					Code=00				
Event # = 21353									
87/07/23, 19:28	DOY=204	Start	Peak	End times	SMM Pointing:	S28W28	Pitch=+613", Yaw=-192", Roll=-20deg	H. Ang=43deg	
Optical					Ha...Class=SN				
GOES 19:05	19:28	20:26			Importance=C4	AR4826	Mac.=CSO	H. Ang=43deg	
BCS 19:38	19:38	19:53			CaPeak.c/s=72				
FCS					Wavelength=1375A				
UVSP 19:39					Code=00				
Event # = 8501									
87/07/23, 21:27	DOY=204	Start	Peak	End times	SMM Pointing:	S28W30	Pitch=+622", Yaw=-213", Roll=-20deg	H. Ang=44deg	
Optical					Importance=C1				
GOES 21:20	21:27	21:31			Peak...c/s=93				
HXRBS 21:23:04	21:25:15	21:25:43			Wavelength=1375A				
UVSP 21:16					Code=00				
Radio					245/130 606/430 1415/33 2695/33				
Frequency(MHz)/Flux(sfu):									
MaxkeV=69									
Rast=30"x30"									
Step=0"									
Pitch=+624", Yaw=-228"									

87/07/24		DOY=205		87/07/24		DOY=205	
Event # = 8502							
87/07/24,00:39	Start	DOY=205	Peak	S28W18	SMM Pointing:	Pitch=+515", Yaw=-256", Roll=0deg	H.Ang=38deg
Optical							
GOES	00:32	00:39	00:43	S28W28	Ha...Class=SF	Mac.=DAI	H.Ang=43deg
HXRBS	00:33:51	00:34:56	00:36:59	Qual=02	Importance=C4		
BCS	00:33	00:37	00:37	Qual=01	Peak...c/s=78		
FCS				Qual= 3	CaPeak.c/s=177		
UVSP	00:39				Wave length=1375A	Code=02	
						Exp #=54427	
Event # = 21354							
87/07/24,08:28	Start	DOY=205	Peak	S28W36	SMM Pointing:	Pitch=+505", Yaw=-485", Roll=0deg	H.Ang=48deg
Optical							
GOES	08:16	08:28	09:03	S29W35	Ha...Class=SN	Mac.=DAI	H.Ang=48deg
HXRBS	08:22	08:28	08:39	Qual=01	Importance=C1		
FCS				Qual= 1	CaPeak.c/s=52		
UVSP	08:25				Wave length=2788A	Code=00	
						Exp #=54457	
Event # = 8503							
87/07/24,10:04	Start	DOY=205	Peak	S28W36	SMM Pointing:	Pitch=+505", Yaw=-485", Roll=0deg	H.Ang=48deg
Optical							
GOES	09:53	10:04	10:39	S29W36	Ha...Class=1B	Mac.=DAI	H.Ang=49deg
HXRBS	09:55:39	09:57:24	10:12:00	Qual=01	Importance=M3		
BCS	09:56	10:01	10:43	Qual=01	Peak...c/s=1351		
FCS				Qual= 1	CaPeak.c/s=2268		
UVSP	10:00				Wave length=2788A	Code=00	
Radio					Frequency(MHz)/Flux(sfu):	1415/54 2695/130 4995/200 8800/230 15400/140	
Event # = 21355							
87/07/24,10:43	Start	DOY=205	Peak	S28W36	SMM Pointing:	Pitch=+504", Yaw=-495", Roll=0deg	H.Ang=48deg
GOES	10:43	10:43	10:44	Qual=00			
BCS				Qual= 5			
FCS					CaPeak.c/s=106		
UVSP	10:34				Wave length=2788A		
Event # = 21356							
87/07/24,11:22	Start	DOY=205	Peak	S28W37	SMM Pointing:	Pitch=+647", Yaw=-299", Roll=-20deg	H.Ang=49deg
GOES	11:21	11:22	11:32	Qual=00			
BCS				Qual= 4			
FCS					CaPeak.c/s=20		
UVSP	11:17				Wave length=2788A		
Event # = 8504							
87/07/24,15:58	Start	DOY=205	Peak	S28W39	SMM Pointing:	Pitch=+652", Yaw=-319", Roll=-20deg	H.Ang=50deg
Optical							
GOES	15:50	15:58	16:33	N31E69	Ha...Class=SN	Mac.=ESO	H.Ang=69deg
HXRBS	16:04:19	16:04:22	16:05:02	Qual=05	Importance=C1		
UVSP	16:05			Qual=01	Peak...c/s=165		
					Wave length=1375A	Code=02	
						Exp #=54477	
						Tot Cts=774	
						Flags=AX	
						Step=10	
						Pitch=+664", Yaw=-317"	

87/07/26 DOY=207									
Event # = 8538	87/07/26, 03:31	DOY=207	SMM Pointing:			Pitch=+486", Yaw=-703", Roll=0deg			H. Ang=65deg
G0ES	Start 03:27	Peak 03:31	End times 03:38	Importance=C2			MaxkeV=127		
HXRBS	03:27:46	03:28:13	03:29:51	Peak...c/s=179			Rast=180"x1"		
UVSP	03:28			WaveLength=2788A			Step=0"		
Radio	Frequency(MHz)/Flux(sfu):			2695/12 4995/30 8800/33			Tot Cts=3050		
							Exp #=54582		
							Pitch=+364", Yaw=-525"		
Event # = 8505	87/07/26, 11:24	DOY=207	SMM Pointing:			Pitch=+704", Yaw=-521", Roll=-20deg			H. Ang=68deg
G0ES	Start 11:23	Peak 11:24	End times 11:28	Qual=00			MaxkeV=97		
HXRBS	11:23:53	11:24:27	11:28:47	Peak...c/s=73			Rast=30"x30"		
UVSP	11:13			WaveLength=1375A			Step=0"		
				Tot Cts=14075			Pitch=+709", Yaw=-545"		
							Exp #=54604		
Event # = 8506	87/07/26, 13:45	DOY=207	SMM Pointing:			Pitch=+394", Yaw=+230", Roll=-20deg			H. Ang=29deg
G0ES	Start 13:44	Peak 13:45	End times 13:47	Qual=00			MaxkeV=127		
HXRBS	13:44:47	13:45:20	13:47:19	Peak...c/s=93			Rast=30"x30"		
UVSP	13:39			WaveLength=1375A			Step=0"		
				Tot Cts=7817			Pitch=+368", Yaw=+235"		
							Exp #=54614		
Event # = 8507	87/07/26, 20:30	DOY=207	SMM Pointing:			Pitch=+450", Yaw=+30", Roll=0deg			H. Ang=28deg
G0ES	Start 20:29	Peak 20:30	End times 20:33	Qual=01			MaxkeV=69		
HXRBS	20:29:55	20:30:09	20:30:21	Peak...c/s=96			Rast=30"x30"		
UVSP	20:24			WaveLength=1375A			Step=0"		
				Tot Cts=476			Pitch=+423", Yaw=-89"		
							Exp #=54644		
Event # = 8508	87/07/27, 02:21	DOY=208	SMM Pointing:			Pitch=+449", Yaw=-21", Roll=0deg			H. Ang=28deg
Optical	Start 02:14	Peak 02:21	End times 03:09	Ha...Class=SF			Mac.=EAI		
G0ES	02:17:39	02:18:38	02:21:04	Importance=C4			Carr. Lon.=253deg		
HXRBS	02:17:39	02:18:38	02:21:04	Peak...c/s=153			MaxkeV=97		
UVSP	02:05			WaveLength=2788A			Rast=180"x1"		
Radio	Frequency(MHz)/Flux(sfu):			4995/17 8800/31			Step=0"		
							Pitch=+328", Yaw=+163"		
Event # = 8483	87/07/27, 18:15	DOY=208	SMM Pointing:			Pitch=+704", Yaw=-630", Roll=-20deg			H. Ang=86deg
Optical	Start 18:09	Peak 18:15	End times 18:52	Ha...Class=SF			Mac.=EAI		
G0ES	18:09:48	18:11:38	18:27:21	Importance=M2			Carr. Lon.=245deg		
HXRBS	18:09:48	18:11:38	18:27:21	Peak...c/s=4600			MaxkeV=283		
UVSP	18:09			WaveLength=1375A			Rast=30"x30"		
Radio	Type/Intensity:			V/1			Flags=M		
	Frequency(MHz)/Flux(sfu):			245/150 1415/56 2695/260 4995/380 8800/440 15400/190			Step=0"		
							Pitch=+727", Yaw=-594"		

Event # = 8509		87/07/28	DOY=209		
87/07/28, 16:52	DOY=209	SMM Pointing:	AR4826		
GOES	Start	End times			
16:52:23	16:52:25	16:54:01	Qual=00		
HXRBS	Peak...c/s=90		Qual=04		
UVSP	Wave length=1375A		Tot Cts=1035		
			Exp # = 54754		
			MaxkeV=156	Flags=EN, SA, AX	
			Rast=30"x30"	Step=0" Pitch=+757", Yaw=-544"	
Event # = 8510		87/07/29	DOY=210		
87/07/29, 01:50	DOY=210	SMM Pointing:		Pitch=-394", Yaw=+183", Roll=0deg	
GOES	Start	End times		H. Ang=27deg	
01:39	01:50	02:38	Qual=03		
HXRBS	Importance=C2		Qual=03		
01:43:07	Peak...c/s=75		Tot Cts=386		
UVSP	Wave length=2788A		Exp # = 54784		
			MaxkeV=69	Flags=EG	
			Rast=180"x1"	Step=0" Pitch=-259", Yaw=+360"	
Event # = 21357		87/08/06	DOY=218		
87/08/06, 19:58	DOY=218	SMM Pointing:		Pitch=+463", Yaw=-78", Roll=0deg	
GOES	Start	End times		H. Ang=30deg	
19:47	19:58	20:13	Qual=01		
BGS	Importance=B8		Qual=4		
19:50	CaPeak.c/s=20		FePeak=19:51		
FCS				FePeak.c/s=8 #Peaks=1 dt= 7.7s XEN=721800	
UVSP	Wave length=2788A		Code=00	Rast=0"x0" Cad=.26s 0.256s/pixel	
			Exp # = 55027	Rast=243"x243" Step=3" Pitch=+467", Yaw=-69"	
Event # = 8512		87/08/07	DOY=219		
87/08/07, 08:37	DOY=219	SMM Pointing:		Pitch=+0", Yaw=+0", Roll=-20deg	
Optical	Start	End times		H. Ang=0deg	
GOES	08:32	08:56	Qual=01		
HXRBS	Importance=C4		Qual=01		
08:43:25	Peak...c/s=51		AR4835	Mac.=DAI Carr. Lon.=44deg	
UVSP	Wave length=2788A		Tot Cts=412	MaxkeV=69	
			Exp # = 55042	Rast=180"x1" Step=0" Pitch=+134", Yaw=+184"	
Event # = 8513		87/08/07, 09:59	DOY=219		
87/08/07, 09:59	DOY=219	SMM Pointing:		Pitch=+0", Yaw=+0", Roll=-20deg	
GOES	Start	End times		H. Ang=0deg	
09:59:07	09:59:17	10:00:08	Qual=00		
HXRBS	Peak...c/s=153		Qual=01		
UVSP	Wave length=2788A		Tot Cts=848	MaxkeV=284	
			Exp # = 55044	Rast=180"x1" Step=0" Pitch=+134", Yaw=+184"	
Event # = 8515		87/08/07, 13:06	DOY=219		
87/08/07, 13:06	DOY=219	SMM Pointing:		Pitch=+0", Yaw=+0", Roll=-20deg	
Optical	Start	End times		H. Ang=0deg	
GOES	12:58	13:06	Qual=01		
HXRBS	Ha...Class=SN		Qual=01		
13:00:56	Importance=C4		Qual=01		
UVSP	Peak...c/s=95		Tot Cts=723	Mac.=DAI Carr. Lon.=44deg	
	Wave length=2788A		Exp # = 55048	MaxkeV=69	
			Event # = 8514	Rast=180"x1" Step=0" Pitch=+134", Yaw=+184"	
			Tot Cts=156	MaxkeV=97	

Event # = 21358		DOY=219		SMM Pointing:		Pitch=+458", Yaw=-232", Roll=0deg		H. Ang=33deg	
87/08/07	14:49	Start	Peak	End times	S23W15				
Optical									
GOES	14:27	14:49		15:00	S23W14	Ha...Class=SF	Mac.=DAI	Carr. Lon.=44deg	H. Ang=32deg
BCS	14:42	14:42		14:47	Qual=04	Importance=86			
FCS					Qual= 5	CaPeak.c/s=18	FePeak.c/s=8	#Peaks=1	XEN=721900
UVSP	14:36				Code=00	Wavelength=1375A	Rast=0"x0"	dt= 7.7s	
							Step=0"	Cad=.26s	0.256s/pixel
							Step=5"	Pitch=+465"	Yaw=-221"
Event # = 21359		DOY=219		SMM Pointing:		Pitch=+458", Yaw=-232", Roll=0deg		H. Ang=33deg	
87/08/07	15:28	Start	Peak	End times	S23W15				
Optical									
GOES	15:22	15:28		16:15	S26W14	Ha...Class=SF	Mac.=DAI	Carr. Lon.=43deg	H. Ang=35deg
BCS	15:27	15:27		15:32	Qual=03	Importance=C6			
FCS					Qual= 5	CaPeak.c/s=312	FePeak.c/s=57	#Peaks=1	XEN=721901
UVSP	16:09				Code=00	Wavelength=1375A	Rast=0"x0"	dt= 3.8s	
							Step=0"	Cad=.26s	0.256s/pixel
							Step=5"	Pitch=+465"	Yaw=-233"
Event # = 21360		DOY=219		SMM Pointing:		Pitch=+458", Yaw=-243", Roll=0deg		H. Ang=33deg	
87/08/07	16:57	Start	Peak	End times	S23W16				
Optical									
GOES	16:49	16:57		17:50	S25W14	Ha...Class=SN	Mac.=DAI	Carr. Lon.=42deg	H. Ang=34deg
BCS	17:04	17:05		17:06	Qual=05	Importance=C9			
FCS					Qual= 4	CaPeak.c/s=151	FePeak.c/s=12	#Peaks=1	XEN=721902
UVSP	17:43				Code=00	Wavelength=1375A	Rast=0"x0"	dt= 3.8s	
							Step=0"	Cad=.26s	0.256s/pixel
							Step=5"	Pitch=+464"	Yaw=-245"
Event # = 21361		DOY=219		SMM Pointing:		Pitch=+459", Yaw=-256", Roll=0deg		H. Ang=34deg	
87/08/07	17:58	Start	Peak	End times	S23W17				
Optical									
GOES	17:51	17:58		18:20	S24W17	Ha...Class=SF	Mac.=DAI	Carr. Lon.=45deg	H. Ang=34deg
BCS	17:54	17:56		18:05	Qual=01	Importance=C1			
FCS					Qual= 1	CaPeak.c/s=47	FePeak.c/s=11	#Peaks=1	XEN=721903
UVSP	17:43				Code=00	Wavelength=1375A	Rast=0"x0"	dt= 7.7s	
							Step=0"	Cad=.26s	0.256s/pixel
							Step=5"	Pitch=+464"	Yaw=-245"
Event # = 8516		DOY=219		SMM Pointing:		Pitch=+457", Yaw=-269", Roll=0deg		H. Ang=34deg	
87/08/07	19:47	Start	Peak	End times	S23W18				
Optical									
GOES	19:35	19:47		20:09	S24W17	Ha...Class=SN	Mac.=DAI	Carr. Lon.=44deg	H. Ang=34deg
HXRBS	19:43:50	19:45:18		19:48:31	Qual=01	Importance=M1			
BCS	19:36	19:46		19:52	Qual=01	Peak...c/s=151	MaxkeV=69	#Peaks=1	XEN=721904
FCS					Qual= 1	CaPeak.c/s=789	FePeak.c/s=205	dt= 3.8s	
UVSP	19:09				Code=00	Wavelength=2788A	Rast=0"x0"	Cad=.26s	0.256s/pixel
							Step=0"	Pitch=+336"	Yaw=-85"
Event # = 8517		DOY=219		SMM Pointing:		Pitch=+459", Yaw=-288", Roll=0deg		H. Ang=35deg	
87/08/07	22:31	Start	Peak	End times	S23W19				
Optical									
GOES	22:23	22:31		22:43	S24W18	Ha...Class=SF	Mac.=DAI	Carr. Lon.=43deg	H. Ang=35deg
HXRBS	22:34:22	22:34:30		22:34:58	Qual=01	Importance=C1			
BCS	22:27	22:30		22:40	Qual=01	Peak...c/s=72	MaxkeV=69	#Peaks=1	XEN=721905
FCS					Qual= 1	CaPeak.c/s=49	FePeak.c/s=11	dt= 7.7s	
UVSP	22:19				Code=01	Wavelength=2788A	Rast=0"x0"	Cad=.26s	0.256s/pixel
							Step=0"	Pitch=+335"	Yaw=-109"



Event # = 21362									
87/08/07 23:53	DOY=219	S23W20	SMM Pointing:	End times				Pitch=+456", Yaw=-298", Roll=0deg	H. Ang=35deg
GOES 23:40	Peak 23:53		Importance=C2	00:21	Qual=05				
BCS 23:57	23:58		CaPeak.c/s=29	00:04	Qual=4	FePeak=23:58		dt= 7.7s	XEN=721906
FCS								Cad=.26s	0.256s/pixel
UVSP 23:52			Wavelength=2788A		Code=00	Exp #=55056		Step=0"	Pitch=+335", Yaw=-121"
87/08/08 DOY=220									
Event # = 8518									
87/08/08 01:34	DOY=220	S23W21	SMM Pointing:	End times				Pitch=+455", Yaw=-318", Roll=0deg	H. Ang=36deg
Optical			Ha...Class=1N			AR4835		Mac. =DAI	H. Ang=37deg
GOES 01:19	01:34	S25W20	Importance=M1	01:51	Qual=05				
HXRBS 01:30:57	01:31:48	Qual=02	Peak...c/s=146	01:35:11		Tot Cts=20258		MaxkeV=69	Flags=SN
BCS 01:32	01:33	Qual=4	CaPeak.c/s=1009	01:46		FePeak=01:33		FePeak.c/s=275	#Peaks=1
FCS								Rast=0"x0"	dt= 3.8s
UVSP 01:26			Wavelength=2788A		Code=00	Exp #=55058		Rast=180"x1"	XEN=722000
					Associated	Event # = 21363		Step=0"	Cad=.26s
BCS 01:47	01:47	Qual=5	CaPeak.c/s=48	02:03		FePeak=01:47		FePeak.c/s=6	XEN=722001
FCS								Rast=0"x0"	0.256s/pixel
Event # = 8519									
87/08/08 01:53	DOY=220	S23W21	SMM Pointing:	End times				Pitch=+455", Yaw=-318", Roll=0deg	H. Ang=36deg
GOES 01:51	01:53		Importance=C2	02:15	Qual=01				
HXRBS 01:51:01	01:51:08	Qual=01	Peak...c/s=65	01:51:34		Tot Cts=1497		MaxkeV=69	
UVSP 01:26			Wavelength=2788A			Exp #=55058		Rast=180"x1"	Step=0"
								Pitch=+334", Yaw=-133"	
Event # = 8520									
87/08/08 03:41	DOY=220	S23W22	SMM Pointing:	End times				Pitch=+540", Yaw=-154", Roll=-20deg	H. Ang=36deg
Optical			Ha...Class=1N			AR4835		Mac. =DAI	H. Ang=37deg
GOES 03:31	03:41	S24W21	Importance=M2	04:18	Qual=01				
HXRBS 03:34:15	03:34:48	Qual=01	Peak...c/s=566	03:39:31		Tot Cts=46058		MaxkeV=127	XEN=722002
BCS 03:35	03:37	Qual=1	CaPeak.c/s=1174	03:55		FePeak=03:37		FePeak.c/s=337	dt= 3.8s
FCS								Rast=0"x0"	Cad=.26s
UVSP 04:02			Wavelength=2788A			Exp #=55061		Rast=180"x1"	Step=0"
Radio			Frequency(MHz)/Flux(sfu):	2695/34 15400/37		Event # = 21364		Step=0"	Pitch=+421", Yaw=+23"
BCS 03:55	03:55	Qual=5	CaPeak.c/s=58	04:05		FePeak=03:55		FePeak.c/s=8	XEN=722003
FCS								Rast=0"x0"	0.256s/pixel
Event # = 21365									
87/08/08 05:12	DOY=220	S23W23	SMM Pointing:	End times				Pitch=+543", Yaw=-166", Roll=-20deg	H. Ang=37deg
GOES 05:02	05:12		Importance=C2	05:42	Qual=01				
BCS 04:53	05:09	Qual=1	CaPeak.c/s=72	05:27		FePeak=05:09		FePeak.c/s=15	dt= 7.7s
FCS								Rast=0"x0"	XEN=722004
UVSP 05:11			Wavelength=2788A		Code=00	Exp #=55064		Rast=180"x1"	Cad=1.02s
								Step=0"	Pitch=+424", Yaw=+15"

Event # = 21366									
87/08/08, 08:44	DOY=220	Start	End times	SMM Pointing:	S23W25	Pitch=+550", Yaw=-189", Roll=-20deg	H. Ang=38deg		
GOES 08:41	Peak 08:44	09:00		Importance=87	Qual=03				
BCS 08:43	08:44	08:46		CaPeak.c/s=20	Qual=1	FePeak=08:43			
FCS									
UVSP 07:50				Wavelength=2788A	Code=00	Exp #=55070			
Event # = 21367									
87/08/08, 09:32	DOY=220	Start	End times	SMM Pointing:	S23W26	Pitch=+554", Yaw=-199", Roll=-20deg	H. Ang=38deg		
GOES 09:18	Peak 09:32	10:09		Importance=C1	Qual=03				
BCS 09:27	09:29	09:59		CaPeak.c/s=55	Qual=1	FePeak=09:27			
FCS									
UVSP 09:17				Wavelength=2788A	Code=01	Exp #=55071			
Event # = 21368									
87/08/08, 10:36	DOY=220	Start	End times	SMM Pointing:	S23W26	Pitch=+554", Yaw=-199", Roll=-20deg	H. Ang=38deg		
GOES 10:25	Peak 10:36	11:29		Importance=C9	Qual=1	FePeak=10:22			
BCS 10:21	10:22	10:24		CaPeak.c/s=73	Qual=1	Exp #=55072			
FCS									
UVSP 10:20				Wavelength=2788A	Code=01	Exp #=55072			
Radio	Frequency(MHz)/Flux(sfu):	2695/15 4995/41 8800/33		Associated					
BCS 10:57	10:58	11:41		CaPeak.c/s=66	Qual=4	Event # = 21369			
FCS						FePeak=10:59			
UVSP 10:52				Wavelength=2788A		Exp #=55073			
Event # = 21370									
87/08/08, 12:36	DOY=220	Start	End times	SMM Pointing:	S23W27	Pitch=+561", Yaw=-222", Roll=-20deg	H. Ang=40deg		
Optical						Mac.=DAI			
GOES 12:30	Peak 12:36	13:00		Importance=C2	Qual=03	Carr. Lon.=44deg	H. Ang=41deg		
BCS 12:31	12:36	12:46		CaPeak.c/s=67	Qual=1	FePeak=12:34			
FCS									
UVSP 12:33				Wavelength=1375A	Code=00	Exp #=55074			
Event # = 21371									
87/08/08, 13:58	DOY=220	Start	End times	SMM Pointing:	S23W27	Pitch=+561", Yaw=-222", Roll=-20deg	H. Ang=40deg		
Optical						Mac.=DAI			
GOES 13:36	Peak 13:58	14:40		Ha...Class=SN	S25W26	Carr. Lon.=43deg	H. Ang=40deg		
BCS 14:06	14:06	14:17		Importance=M1	Qual=05	FePeak=14:06			
FCS				CaPeak.c/s=199	Qual=5	Exp #=55076			
UVSP 14:09									
Radio	Frequency(MHz)/Flux(sfu):	4995/35 8800/33		Wavelength=1375A					
Event # = 21372									
87/08/08, 17:27	DOY=220	Start	End times	SMM Pointing:	S23W30	Pitch=+450", Yaw=-434", Roll=0deg	H. Ang=41deg		
Optical						Mac.=DAI			
GOES 17:13	Peak 17:27	17:56		Ha...Class=SF	S26W28	Carr. Lon.=43deg	H. Ang=42deg		
BCS 17:19	17:26	17:36		Importance=C1	Qual=01	FePeak=17:25			
FCS				CaPeak.c/s=46	Qual=1	Exp #=55082			
UVSP 17:17									
				Wavelength=1375A	Code=00				

Event # = 21373									
87/08/08, 19:00	DOY=220	Peak	End times		SMM Pointing:	S23W31	Pitch=+449", Yaw=-446", Roll=0deg		
GOES 18:53	19:00	19:11			Importance=B7	Qual=01			
BCS 18:59	18:59	19:01			CaPeak.c/s=21	Qual= 5	FePeak=18:59		
FCS					Wavelength=1375A	Code=00	Exp #=55088		
UVSP 18:50									
Event # = 8548									
87/08/08, 20:45	DOY=220	Peak	End times		SMM Pointing:	S23W31	Pitch=+448", Yaw=-456", Roll=0deg		
Optical					Ha...Class=SF	S23W30	Mac.=DAI Carr. Lon.=43deg		
GOES 20:40	20:45	20:56			Importance=C2	Qual=01			
HXRBS 20:41:25	20:42:47	20:43:42			Peak...c/s=165	Qual=01	Tot Cts=4140		
BCS 20:42	20:43	21:02			CaPeak.c/s=141	Qual= 1	FePeak=20:43		
FCS					Wavelength=1375A	Code=00	Exp #=55096		
UVSP 20:39									
Event # = 8550									
87/08/08, 21:00	DOY=220	Peak	End times		SMM Pointing:	S23W31	Pitch=+448", Yaw=-456", Roll=0deg		
GOES 20:57	21:00	21:24			Importance=C1	Qual=03			
HXRBS 20:58:35	20:58:47	20:59:33			Peak...c/s=100	Qual=01	MaxkeV=69		
UVSP 20:54					Wavelength=1375A	Code=00	Rast=30"x30" Pitch=+482", Yaw=-435"		
HXRBS 20:57:45	20:57:56	20:58:03			Associated Event # = 8549	Qual=01	MaxkeV=69		
Event # = 8551									
87/08/08, 22:25	DOY=220	Peak	End times		SMM Pointing:	S23W32	Pitch=+448", Yaw=-468", Roll=0deg		
Optical					Ha...Class=SF	S24W31	Mac.=DAI Carr. Lon.=43deg		
GOES 22:19	22:25	22:46			Importance=C3	Qual=01			
HXRBS 22:20:53	22:22:43	22:24:30			Peak...c/s=72	Qual=03	Flags=I, EG		
BCS 22:22	22:24	22:35			CaPeak.c/s=145	Qual= 1	#Peaks=1 dt= 3.8s		
FCS					Wavelength=1375A	Code=00	XEN=722014		
UVSP 22:13					Frequency(MHz)/Flux(sfu):	245/1 410/1 606/3 1415/4 4995/30 8800/51 15400/22	Cad=.26s 0.256s/pixel		
Radio							Step=0" Pitch=+461", Yaw=-454"		
Event # = 21374									
87/08/09, 01:29	DOY=221	Peak	End times		SMM Pointing:	S23W34	Pitch=+446", Yaw=-489", Roll=0deg		
GOES 01:24	01:29	01:40			Importance=B7	Qual=01			
BCS 01:28	01:29	01:31			CaPeak.c/s=25	Qual= 4	FePeak=01:29		
FCS					Wavelength=2788A	Code=01	Exp #=55116		
UVSP 01:09									
Event # = 21375									
87/08/09, 02:36	DOY=221	Peak	End times		SMM Pointing:	S23W34	Pitch=+446", Yaw=-489", Roll=0deg		
Optical					Ha...Class=SF	S23W35	Mac.=DKI Carr. Lon.=45deg		
GOES 02:20	02:36	02:57			Importance=C1	Qual=05			
BCS 02:40	02:40	02:47			CaPeak.c/s=31	Qual= 5	FePeak=02:40		
FCS					Wavelength=2788A	Code=00	Exp #=55117		
UVSP 02:35									

Event # = 21376									
87/08/09, 03:10	DOY=221	SMM Pointing:	S23W35	Pitch=+590", Yaw=-319", Roll=-20deg	H. Ang=45deg				
Optical	Start	End times							
GOES 03:04	03:10	03:16	AR4835	Mac.=DKI	Carr. Lon.=46deg	H. Ang=46deg			
BCS 03:04	03:08	03:19	FePeak=03:10	FePeak.c/s=17	#Peaks=1	dt= 7.7s	XEN=722102		
FCS				Rast=0"x0"	Step=0"	Cad=.26s	0.256s/pixel		
UVSP 03:35			Exp #=55118	Rast=180"x1"	Step=0"	Pitch=+470", Yaw=-139"			
Wavelength=2788A									
Event # = 8521									
87/08/09, 04:18	DOY=221	SMM Pointing:	S23W35	Pitch=+590", Yaw=-319", Roll=-20deg	H. Ang=45deg				
Optical	Start	End times							
GOES 04:15	04:18	04:40	Qual=01						
HXRBS 04:17:02	04:17:08	04:17:38	Importance=C1	MaxkeV=69	#Peaks=1	dt= 7.7s	XEN=722103		
BCS 04:18	04:19	04:22	Peak...c/s=74	FePeak=04:18	Step=0"	Cad=.26s	0.256s/pixel		
FCS			CaPeak.c/s=27		Step=0"	Pitch=+471", Yaw=-143"			
UVSP 04:09			Code=00	Rast=180"x1"	Step=0"				
Wavelength=2788A									
Event # = 21377									
87/08/09, 06:22	DOY=221	SMM Pointing:	S23W37	Pitch=+595", Yaw=-339", Roll=-20deg	H. Ang=46deg				
Optical	Start	End times							
GOES 06:08	06:22	06:30	AR4835	Mac.=DKI	Carr. Lon.=45deg	H. Ang=47deg			
BCS 06:12	06:22	06:46	Qual=01	FePeak=06:22	#Peaks=1	dt= 3.8s	XEN=722104		
FCS			Importance=C2		Step=0"	Cad=.26s	0.256s/pixel		
UVSP 06:45			CaPeak.c/s=91	Rast=180"x1"	Step=0"	Pitch=+475", Yaw=-159"			
Wavelength=2788A									
Event # = 8552									
87/08/09, 12:19	DOY=221	SMM Pointing:	S23W39	Pitch=+603", Yaw=-369", Roll=-20deg	H. Ang=48deg				
Optical	Start	End times							
GOES 12:17	12:19	12:23	Qual=01						
HXRBS 12:18:08	12:18:28	12:18:43	Importance=B4	MaxkeV=69	Flags=I				
UVSP 12:01			Peak...c/s=77	Rast=180"x1"	Step=0"	Pitch=+484", Yaw=-192"			
Radio	Frequency(MHz)/Flux(sfu):	245/140	Code=01						
Wavelength=2788A									
Event # = 8525									
87/08/09, 13:57	DOY=221	SMM Pointing:	S23W41	Pitch=+437", Yaw=-569", Roll=0deg	H. Ang=49deg				
Optical	Start	End times							
GOES 13:52	13:57	14:09	AR4839	Mac.=HSX	Carr. Lon.=283deg	H. Ang=84deg			
HXRBS 13:54:46	13:55:38	13:56:07	Qual=01	MaxkeV=249	Flags=ES				
UVSP 13:34			Importance=M1	Rast=180"x1"	Step=0"	Pitch=+319", Yaw=-386"			
			Peak...c/s=736						
Wavelength=2788A									
Event # = 21378									
87/08/09, 20:03	DOY=221	SMM Pointing:	S27W43	Pitch=-575", Yaw=-494", Roll=90deg	H. Ang=53deg				
Optical	Start	End times							
GOES 19:42	20:03	20:17	AR4835	Mac.=DKI	Carr. Lon.=42deg	H. Ang=51deg			
BCS 19:59	20:03	20:09	Qual=04	FePeak=20:02	#Peaks=1	dt= 7.7s	XEN=722105		
FCS			Importance=B9	Rast=0"x0"	Step=0"	Cad=.26s	0.256s/pixel		
UVSP 19:58			CaPeak.c/s=33	Rast=30"x30"	Step=0"	Pitch=-598", Yaw=-451"			
Wavelength=1375A									
Code=00									

Event # = 21379									
87/08/09, 23:07	Start	DOY=221	Peak						
Optical	SMM Pointing:			S27W44					
GOES 23:00	End times	23:07	23:12	Ha...Class=SF	AR4839	Mac.=HSX	Carr. Lon.=274deg	Pitch=+493", Yaw=-590", Roll=0deg	H. Ang=54deg
BGS 23:06	23:13	23:06	23:13	Importance=B9	Qual=04	FePeak=23:07	#Peaks=1	dt= 7.7s	H. Ang=88deg
FCS				CaPeak.c/s=32	Qual= 5	Rast=0"x0"	Step=0"	Cad=.26s	XEN=722106
UVSP 23:06				Wavelength=1375A	Code=01	Exp #=55153	Step=10"	Pitch=+502", Yaw=-580"	
Event # = 21380									
87/08/09, 23:19	Start	DOY=221	Peak						
Optical	SMM Pointing:			S27W44					
GOES 23:13	End times	23:19	23:59	Importance=B8	Qual=01	FePeak=23:20	#Peaks=1	dt= 7.7s	XEN=722107
BGS 23:18	23:27	23:19	23:27	CaPeak.c/s=22	Qual= 4	Rast=0"x0"	Step=0"	Cad=.26s	0.256s/pixel
FCS				Wavelength=1375A	Code=00	Exp #=55154	Step=0"	Pitch=+447", Yaw=-635"	
UVSP 23:07									
87/08/10 DOY=222									
Event # = 8522									
87/08/10, 02:38	Start	DOY=222	Peak						
Optical	SMM Pointing:			S27W46					
GOES 02:31	End times	02:38	02:52	Importance=C4	Qual=01	Tot Cts=3975	MaxkeV=69	Pitch=-20deg	H. Ang=56deg
HXRBS 02:32:18	02:33:57	02:33:57	02:39:06	Peak...c/s=72	Code=00	Exp #=55172	Rast=30"x30"	Step=0"	Pitch=+634", Yaw=-449"
UVSP 02:30				Wavelength=1375A					
Event # = 8523									
87/08/10, 03:09	Start	DOY=222	Peak						
Optical	SMM Pointing:			S27W46					
GOES 02:53	End times	03:09	03:18	Ha...Class=SF	AR4839	Mac.=HSX	Carr. Lon.=291deg	Pitch=-20deg	H. Ang=56deg
HXRBS 02:58:26	03:06:31	03:06:31	03:09:26	Importance=C8	Qual=03	Tot Cts=5167	MaxkeV=98	Step=0"	H. Ang=69deg
UVSP 02:58				Peak...c/s=76	Qual=01	Exp #=55176	Rast=30"x30"	Pitch=+634", Yaw=-462"	
Radio	Frequency(MHz)/Flux(sfu): 245/12 606/22 1415/18 2695/14								
Event # = 8524									
87/08/10, 07:55	Start	DOY=222	Peak						
Optical	SMM Pointing:			S27W48					
GOES 07:55:44	End times	07:55:46	07:56:00	Peak...c/s=211	Qual=01	Tot Cts=571	MaxkeV=581	Pitch=-20deg	H. Ang=57deg
HXRBS 07:55:44				Wavelength=1375A		Exp #=55200	Rast=30"x30"	Flags=NS,GB	
UVSP 07:40								Step=0"	Pitch=+640", Yaw=-466"
Event # = 8526									
87/08/10, 19:59	Start	DOY=222	Peak						
Optical	SMM Pointing:			S25E68					
GOES 19:54	End times	19:59	20:09	Importance=B7	Qual=01	Tot Cts=336	MaxkeV=127	Pitch=+320", Yaw=+716"	
HXRBS 19:54:06	19:54:27	19:54:27	19:55:15	Peak...c/s=66	Qual=01	Exp #=55216	Rast=180"x1"	Step=0"	
UVSP 20:26				Wavelength=2788A					
Event # = 8527									
87/08/10, 21:21	Start	DOY=222	Peak						
Optical	SMM Pointing:			S25E66					
GOES 21:15	End times	21:21	21:26	Ha...Class=SF	AR4839	Mac.=HSX	Carr. Lon.=277deg	Pitch=+441", Yaw=+785", Roll=0deg	H. Ang=72deg
HXRBS 21:19:04	21:19:18	21:19:18	21:19:54	Importance=B5	Qual=01	Tot Cts=351	MaxkeV=98	H. Ang=73deg	
UVSP 21:08				Peak...c/s=76	Qual=01	Exp #=55217	Rast=265"x265"	Step=5"	Pitch=+448", Yaw=+796"

Event # = 21381									
87/08/10, 22:06	Start	DOY=222	Peak	SMM Pointing:		S25E66	Pitch=+441", Yaw=+785", Roll=0deg		H. Ang=72deg
Optical				Ha...Class=SF			Mac.=HSX		H. Ang=68deg
GOES	21:27	22:06	22:49	Importance=C4		Qual=02	Carr. Lon.=283deg		
BCS	21:35	22:05	22:06	CaPeak.c/s=31		Qual= 4	FePeak=21:37		XEN=722200
FCS							Rast=0"x0"		0.256s/pixel
UVSP	22:39			Wavelength=1375A		Exp #=55218	Step=10"		0.256s/pixel
Radio	Frequency(MHz)/Flux(sfu):	245/8	410/14	606/21	1415/49	4995/16	Pitch=+452", Yaw=+790"		
87/08/11 DOY=223									
Event # = 21382									
87/08/11, 11:19	Start	DOY=223	Peak	SMM Pointing:		S25E59	Pitch=+174", Yaw=+844", Roll=-20deg		H. Ang=65deg
Optical				Ha...Class=1N			Mac.=DKI		H. Ang=63deg
GOES	11:05	11:19	11:31	Importance=C3		Qual=04	Carr. Lon.=281deg		
BCS	11:13	11:18	11:56	CaPeak.c/s=105		Qual= 4	FePeak=11:14		XEN=722300
FCS							Rast=0"x0"		0.256s/pixel
UVSP	11:09			Wavelength=2788A		Code=00	Step=0"		0.256s/pixel
Radio	Frequency(MHz)/Flux(sfu):	245/16	410/26	606/11	1415/7	2695/11	Pitch=+53", Yaw=+773"		
87/08/12 DOY=224									
Event # = 21383									
87/08/12, 04:37	Start	DOY=223	Peak	SMM Pointing:		S25E53	Pitch=+687", Yaw=-458", Roll=90deg		H. Ang=61deg
Optical				Ha...Class=SN			Mac.=DKI		H. Ang=54deg
GOES	21:45	22:07	22:48	Importance=C4		Qual=05	Carr. Lon.=285deg		
BCS	22:13	22:14	22:27	CaPeak.c/s=52		Qual= 4	FePeak=22:14		XEN=722301
FCS							Rast=0"x0"		0.256s/pixel
UVSP	22:14			Wavelength=1375A		Code=02	Step=10"		0.256s/pixel
Radio	Frequency(MHz)/Flux(sfu):	245/16	410/26	606/11	1415/7	2695/11	Pitch=+470", Yaw=+694"		
87/08/12 DOY=224									
Event # = 8529									
87/08/12, 04:37	Start	DOY=224	Peak	SMM Pointing:		S25E50	Pitch=+211", Yaw=+777", Roll=-20deg		H. Ang=58deg
GOES	04:33	04:37	04:40	Importance=C1		Qual=01	MaxkeV=156		
HXRBS	04:34:42	04:35:09	04:35:40	Peak...c/s=274		Qual=01	#Peaks=1		XEN=722400
BCS	04:36	04:36	04:38	CaPeak.c/s=36		Qual= 1	Step=0"		0.256s/pixel
FCS							Rast=0"x0"		0.256s/pixel
UVSP	04:33			Wavelength=1375A		Code=00	Step=0"		0.256s/pixel
Radio	Frequency(MHz)/Flux(sfu):	245/16	410/26	606/11	1415/7	2695/11	Pitch=+228", Yaw=+758"		
87/08/12 DOY=224									
Event # = 8530									
87/08/12, 06:18	Start	DOY=224	Peak	SMM Pointing:		S25E49	Pitch=+217", Yaw=+766", Roll=-20deg		H. Ang=57deg
GOES	06:10	06:18	06:27	Importance=B7		Qual=01	MaxkeV=69		
HXRBS	06:11:13	06:11:40	06:12:19	Peak...c/s=55		Qual=01	Rast=30"x30"		XEN=722400
UVSP	06:07			Wavelength=1375A		Code=00	Step=0"		0.256s/pixel
Radio	Frequency(MHz)/Flux(sfu):	245/16	410/26	606/11	1415/7	2695/11	Pitch=+242", Yaw=+750"		

Event # = 8532		87/08/13		DOY=225	
87/08/13,03:06	Start	DOY=225	Peak	SMM Pointing:	
Optical	End times	S25E38			
GOES	02:50	03:06	03:26	Ha...Class=SF	
HXRBS	02:50:36	02:51:15	02:52:08	Importance=C2	
BCS	02:54	03:01	03:18	Peak...c/s=57	
FCS				CaPeak.c/s=57	
UVSP	03:01			Wavelength=1375A	
Radio	Frequency(MHz)/Flux(sfu):	410/18			
Event # = 8533		87/08/13		DOY=225	
87/08/13,13:44	Start	DOY=225	Peak	SMM Pointing:	
Optical	End times	S25E32			
GOES	13:30	13:44	14:20	Ha...Class=SF	
HXRBS	13:37:24	13:39:46	13:40:41	Importance=M1	
UVSP	13:26			Peak...c/s=217	
Radio	Frequency(MHz)/Flux(sfu):	1415/26 2695/17 4995/43 8800/74 15400/48			
Event # = 8534		87/08/13		DOY=225	
87/08/13,16:04	Start	DOY=225	Peak	SMM Pointing:	
Optical	End times	S25E31			
Optical				Ha...Class=1B	
GOES	15:53	16:04	16:54	Ha...Class=SF	
HXRBS	15:55:52	15:56:42	16:01:04	Importance=C5	
BCS	15:57	16:02	16:06	Peak...c/s=93	
FCS				CaPeak.c/s=180	
UVSP	16:01			Wavelength=2788A	
Event # = 8535		87/08/14		DOY=226	
87/08/14,05:24	Start	DOY=226	Peak	SMM Pointing:	
GOES	05:21	05:24	05:29	Importance=B8	
HXRBS	05:21:35	05:22:05	05:29:30	Peak...c/s=80	
UVSP	05:16			Wavelength=2788A	
Radio	Sweeps	Type/Intensity: III/2			
Event # = 8536		87/08/14		DOY=226	
87/08/14,16:13	Start	DOY=226	Peak	SMM Pointing:	
GOES	16:13:25	16:13:58	16:14:12	Peak...c/s=67	
HXRBS	15:35			Wavelength=2788A	
UVSP				Qual=00	
Event # = 8537		87/08/19		DOY=231	
87/08/19,10:31	Start	DOY=231	Peak	SMM Pointing:	
Optical	End times	S30W13			
Optical				Ha...Class=1F	
GOES	09:57	10:31	10:51	Importance=C9	
HXRBS	10:09:41	10:13:59	10:18:01	Peak...c/s=116	
Radio	Frequency(MHz)/Flux(sfu):	245/70 410/55 1415/96 2695/91 4995/40 8800/47 15400/30			

87/08/20		DOY=232		87/08/20		DOY=232	
Event # = 8540							
87/08/20,19:00	DOY=232	Peak	End times	SMM Pointing:	S25W60		Pitch=+677",Yaw=-551",Roll=-20deg H.Ang=67deg
Optical				Ha...Class=SF			
Optical				Ha...Class=SF	S32W27	AR4841	Mac.=CH0 Carr.Lon.=242deg H.Ang=47deg
GOES	18:49	19:00	19:38	Importance=B8	S30W62	AR4839	Carr.Lon.=277deg H.Ang=70deg
HXRBS	18:51:17	18:52:42	18:54:34	Peak...c/s=56	Qual=03		
BCS	18:55	18:58	19:03	CaPeak.c/s=29	Qual=01	Tot Cts=1125	
FCS					Qual=4	FePeak=18:56	
							MaxkeV=98 #Peaks=1 dt= 7.7s XEN=723200
							Rast=0"x0" Cad=.26s 0.256s/pixel
<hr/>							
Event # = 22138							
87/08/21,05:34	DOY=233	Peak	End times	SMM Pointing:	S32W33		Pitch=+579",Yaw=-441",Roll=0deg H.Ang=50deg
GOES	05:27	05:34	05:42	Importance=C1	Qual=01		
BCS	05:32	05:32	05:41	CaPeak.c/s=73	Qual=5	FePeak=05:32	
FCS							FePeak.c/s=23 dt= 7.7s XEN=723300
UVSP	06:11			Wavelength=2788A		Exp #=55567	Rast=0"x0" Cad=.26s 0.256s/pixel
Radio				Frequency(MHz)/Flux(sfu):	2695/28 4995/64 8800/62 15400/47		Rast=180"x1" Pitch=+458",Yaw=-262"
<hr/>							
Event # = 8541							
87/08/21,06:05	DOY=233	Peak	End times	SMM Pointing:	S32W33		Pitch=+579",Yaw=-441",Roll=0deg H.Ang=50deg
GOES	05:54	06:05	06:13	Importance=C2	Qual=03		
HXRBS	05:55:46	05:56:09	05:57:00	Peak...c/s=63	Qual=01	Tot Cts=401	
BCS	05:55	06:01	06:15	CaPeak.c/s=88	Qual=1	FePeak=05:59	
FCS							MaxkeV=69 #Peaks=1 dt= 7.7s XEN=723301
UVSP	06:11			Wavelength=2788A	Code=02	Exp #=55567	Step=0" Cad=.26s 0.256s/pixel
Radio				Frequency(MHz)/Flux(sfu):	15400/47		Rast=0"x0" Pitch=+458",Yaw=-262"
<hr/>							
Event # = 21385							
87/08/21,14:52	DOY=233	Peak	End times	SMM Pointing:	S32W37		Pitch=+575",Yaw=-491",Roll=0deg H.Ang=53deg
GOES	14:45	14:52	15:14	Importance=B5	Qual=03		
BCS	14:50	14:50	14:53	CaPeak.c/s=21	Qual=5	FePeak=14:50	
FCS							FePeak.c/s=8 dt= 7.7s XEN=723302
UVSP	14:39			Wavelength=2788A	Code=01	Exp #=55569	Rast=0"x0" Cad=.26s 0.256s/pixel
							Rast=180"x1" Pitch=+454",Yaw=-312"
<hr/>							
Event # = 8542							
87/08/21,22:00	DOY=233	Peak	End times	SMM Pointing:	S32W42		Pitch=+720",Yaw=-309",Roll=-20deg H.Ang=56deg
Optical				Ha...Class=SF			Mac.=HSX Carr.Lon.=122deg H.Ang=78deg
GOES	21:53	22:00	22:09	Importance=C1	N14E79	AR4845	
HXRBS	21:56:16	21:56:52	21:57:40	Peak...c/s=85	Qual=02		
UVSP	21:54			Wavelength=2788A	Code=00	Tot Cts=4259	MaxkeV=69
						Exp #=55578	Rast=180"x1" Step=0" Pitch=+599",Yaw=-126"
<hr/>							
Event # = 21386							
87/08/22,06:44	DOY=234	Peak	End times	SMM Pointing:	S32W46		Pitch=+565",Yaw=-583",Roll=0deg H.Ang=59deg
GOES	06:34	06:44	07:07	Importance=B6	Qual=04		
BCS	06:42	06:43	06:46	CaPeak.c/s=21	Qual=4	FePeak=06:42	
FCS							FePeak.c/s=11 dt= 7.7s XEN=723400
UVSP	07:19			Wavelength=2788A		Exp #=55588	Rast=0"x0" Cad=.26s 0.256s/pixel
							Rast=180"x1" Pitch=+444",Yaw=-403"



Event # = 8570									
87/08/22, 13:36	Start	DOY=234	Peak	13:36:36	13:36:40	SMM Pointing:	S32W50	Pitch=+561", Yaw=-614", Roll=0deg	H. Ang=61deg
HXRBS	13:36:31	13:36:36	13:36:40	13:36:40	13:36:40	Peak...c/s=69	Qual=01	MaxkeV=582	Flags=I, NS
UVSP	13:35					Wavelength=2788A		Rast=180"x1"	Step=0" Pitch=+440", Yaw=-434"
Event # = 8543									
87/08/22, 16:48	Start	DOY=234	Peak	16:48	17:41	SMM Pointing:	N07W00	Pitch=+0", Yaw=+0", Roll=-20deg	H. Ang=0deg
Optical						Ha...Class=SN		Mac.=HSX	Carr. Lon.=123deg
GOES	16:37	16:48	17:41	17:41	17:41	Importance=M1	Qual=03	AR4845	H. Ang=66deg
HXRBS	16:38:23	16:39:47	16:48:48	16:48:48	16:48:48	Peak...c/s=283	Qual=03	Tot Cts=27057	Flags=I, EN
UVSP	16:44					Wavelength=2788A	Code=00	MaxkeV=127	Rast=180"x1" Step=0" Pitch=-121", Yaw=+184"
Radio						Frequency(MHz)/Flux(sfu):	245/360 410/540 606/240 1415/36 2695/16 4995/31 8800/40 15400/50		
Event # = 8544									
87/08/22, 22:09	Start	DOY=234	Peak	22:09:58	22:18:00	SMM Pointing:	N15E63	Pitch=-464", Yaw=+705", Roll=-20deg	H. Ang=63deg
GOES	22:07:58	22:09:58	22:18:00	22:18:00	22:18:00	Peak...c/s=64	Qual=00	MaxkeV=127	Flags=M, I, AX
HXRBS	22:03					Wavelength=2788A		Rast=180"x1"	Step=0" Pitch=-330", Yaw=+634"
UVSP									
Event # = 21387									
87/08/23, 02:39	Start	DOY=235	Peak	02:39	02:55	SMM Pointing:	N15E62	Pitch=-460", Yaw=+699", Roll=-20deg	H. Ang=62deg
Optical						Ha...Class=SB		Mac.=CSO	Carr. Lon.=123deg
GOES	02:18	02:39	02:55	02:55	02:55	Importance=C3	Qual=05	AR4845	H. Ang=61deg
BCS	02:54	02:54	03:16	03:16	03:16	CaPeak.c/s=53	Qual=5	FePeak=02:56	dt= 7.7s XEN=723500
FCS						Wavelength=2788A		Rast=0"x0"	Cad=.26s 0.256s/pixel
UVSP	02:54							Rast=15"x15"	Step=3" Pitch=-183", Yaw=+814"
Event # = 21388									
87/08/23, 12:57	Start	DOY=235	Peak	12:57	13:23	SMM Pointing:	N15E56	Pitch=-182", Yaw=+759", Roll=0deg	H. Ang=55deg
Optical						Ha...Class=SF		Mac.=CSO	Carr. Lon.=121deg
GOES	12:29	12:57	13:23	13:23	13:23	Importance=C2	Qual=03	AR4845	H. Ang=57deg
BCS	12:44	12:51	13:13	13:13	13:13	CaPeak.c/s=75	Qual=4	FePeak=12:47	dt= 7.7s XEN=723501
FCS						Wavelength=2788A		Rast=0"x0"	Cad=.26s 0.256s/pixel
UVSP	13:08							Rast=180"x1"	Step=0" Pitch=-47", Yaw=+683"
Event # = 21389									
87/08/23, 23:11	Start	DOY=235	Peak	23:11	23:35	SMM Pointing:	N15E51	Pitch=-409", Yaw=+612", Roll=-20deg	H. Ang=51deg
Optical						Ha...Class=IB		Mac.=CSO	Carr. Lon.=123deg
GOES	22:44	23:11	23:35	23:35	23:35	Importance=M1	Qual=05	AR4845	H. Ang=50deg
BCS	23:15	23:16	23:53	23:53	23:53	CaPeak.c/s=593	Qual=4	FePeak=23:15	dt= 3.8s XEN=723502
FCS						Wavelength=2788A	Code=02	Rast=0"x0"	Cad= 860s 860.4s/pixel
UVSP	23:11					Frequency(MHz)/Flux(sfu):	245/230 410/19 606/30 1415/83 2695/70	Rast=180"x1"	Step=0" Pitch=-268", Yaw=+529"
Radio									

Event # = 21390	DOY=235	SMM Pointing:	N15E50	Pitch=-403", Yaw=+602", Roll=-20deg	H. Ang=50deg
87/08/23, 23:53	Peak	End times			
GOES 23:53	23:53	00:10	Qual=00	FePeak.c/s=10 #Peaks=1 dt= 7.7s XEN=723503	
BCS			Qual= 5	Step=0" Cad=.26s 0.256s/pixel	
FCS				Rast=180"x1" Pitch=0" Step=0" Pitch=-265", Yaw=+524"	
UVSP 00:09				Wavelength=2788A Exp #=55633	
87/08/24 DOY=236					
Event # = 8545	DOY=236	SMM Pointing:	N15E45	Pitch=-166", Yaw=+654", Roll=0deg	H. Ang=45deg
87/08/24, 07:32	Peak	End times			
GOES 07:30	07:32	07:37	Importance=B4	MaxkeV=69	
HXRBS 07:29:51	07:30:23	07:30:48	Qual=01	Rast=180"x1" Step=0" Pitch=-31", Yaw=+578"	
UVSP 07:59			Qual=01	Tot Cts=215	
			Wavelength=2788A	Exp #=55641	
87/08/24 DOY=236					
Event # = 8546	DOY=236	SMM Pointing:	N15E45	Pitch=-166", Yaw=+654", Roll=0deg	H. Ang=45deg
87/08/24, 08:05	Peak	End times			
GOES 08:00	08:05	08:12	Importance=B6	MaxkeV=69	
HXRBS 08:02:50	08:02:56	08:03:07	Qual=01	Rast=180"x1" Step=0" Pitch=-31", Yaw=+578"	
UVSP 07:59			Qual=01	Tot Cts=98	
			Wavelength=2788A	Exp #=55641	
87/08/24 DOY=236					
Event # = 21391	DOY=236	SMM Pointing:	N15E38	Pitch=-338", Yaw=+473", Roll=-20deg	H. Ang=38deg
87/08/24, 22:31	Peak	End times			
Optical 22:21	22:31	23:26	Ha...Class=1B	Mac.=CSO Carr. Lon.=122deg	H. Ang=39deg
GOES 22:48	22:49	22:59	Importance=C8	FePeak.c/s=15 #Peaks=1 dt= 7.7s XEN=723600	
BCS			CaPeak.c/s=32	Step=0" Cad=.26s 0.256s/pixel	
FCS				Rast=180"x1" Step=0" Pitch=-200", Yaw=+394"	
UVSP 22:44			Wavelength=2788A	Exp #=55658	
Radio Frequency(MHz)/Flux(sfu):	410/16 1415/19 2695/53 4995/82				
87/08/25 DOY=237					
Event # = 21392	DOY=237	SMM Pointing:	N15E33	Pitch=-151", Yaw=+505", Roll=0deg	H. Ang=34deg
87/08/25, 05:50	Peak	End times			
Optical 05:38	05:50	06:01	Ha...Class=1M	Mac.=DRI Carr. Lon.=124deg	H. Ang=34deg
GOES 05:43	05:48	06:02	Importance=C2	FePeak.c/s=9 #Peaks=1 dt= 7.7s XEN=723700	
BCS			CaPeak.c/s=47	Step=0" Cad=.26s 0.256s/pixel	
FCS				Rast=180"x1" Step=0" Pitch=-16", Yaw=+427"	
UVSP 05:58			Wavelength=2788A	Exp #=55666	
Radio Frequency(MHz)/Flux(sfu):	606/1				
87/08/26 DOY=238					
Event # = 21393	DOY=238	SMM Pointing:	N15E23	Pitch=-255", Yaw=+290", Roll=-20deg	H. Ang=24deg
87/08/26, 00:53	Peak	End times			
Optical 00:42	00:53	01:12	Ha...Class=1B	Mac.=BXO Carr. Lon.=124deg	H. Ang=22deg
GOES 00:49	00:51	00:53	Importance=C2	FePeak.c/s=18 #Peaks=1 dt= 7.7s XEN=723800	
BCS			CaPeak.c/s=64	Step=0" Pitch=-209", Yaw=+219"	
UVSP 00:40			Wavelength=1375A	Exp #=55693	



Event # = 8661		87/09/05		DOY=248	
87/09/05,00:21	DOY=248	S20E33		Pitch=+417", Yaw=+486", Roll=0deg	
Optical	Start	S25E32		Mac.=EAI Carr. Lon.=342deg	
GOES	00:12	Ha...Class=1N		MaxkeV=69	
HRBS	00:17:44	Importance=C3		FePeak.c/s=28	
BCS	00:15	Peak...c/s=77		dt= 3.8s	
FCS	00:21	CaPeak.c/s=148		Cad=.26s	
UVSP	00:07	Wavelength=2788A		Step=0"	
		Code=01		Pitch=+296", Yaw=+416"	
		Exp #=56013			
Event # = 8556		87/09/05,15:11		Pitch=+269", Yaw=+504", Roll=-20deg	
87/09/05,15:11	DOY=248	S20E25		H. Ang=37deg	
Optical	Start	S22E03		MaxkeV=353	
GOES	15:11:15	Peak...c/s=73		Rast=180"x1"	
HRBS	15:11:20	Qual=01		Flags=NS	
BCS	15:13	Wavelength=2788A		Step=0"	
UVSP	15:13			Pitch=+150", Yaw=+426"	
Event # = 8583		87/09/07		DOY=250	
87/09/07,07:38	DOY=250	S22E03		Pitch=+464", Yaw=+49", Roll=0deg	
Optical	Start	S23E08		Mac.=EAI Carr. Lon.=336deg	
GOES	07:35	Ha...Class=SB		MaxkeV=98	
HRBS	07:35:28	Importance=C3		FePeak.c/s=37	
BCS	07:36	Peak...c/s=197		dt= 3.8s	
FCS	07:37	CaPeak.c/s=159		Cad=.26s	
UVSP	08:03	Wavelength=2788A		Step=0"	
Radio	Frequency (MHz)/Flux(sfu):	8800/51 15400/33		Pitch=+344", Yaw=+227"	
Event # = 21396		87/09/07,07:54		Pitch=+464", Yaw=+49", Roll=0deg	
87/09/07,07:54	DOY=250	S22E03		H. Ang=29deg	
Optical	Start	S24E06		Mac.=EAI Carr. Lon.=338deg	
GOES	07:51	Ha...Class=SN		FePeak.c/s=7	
HRBS	07:53	Importance=B9		dt= 7.7s	
BCS	07:53	CaPeak.c/s=19		Cad=.26s	
FCS	08:03	Wavelength=2788A		Step=0"	
UVSP	08:03			Pitch=+344", Yaw=+227"	
Event # = 21397		87/09/07,10:47		Pitch=+428", Yaw=+182", Roll=-20deg	
87/09/07,10:47	DOY=250	S22E02		H. Ang=29deg	
Optical	Start	S24E02		Mac.=EAI Carr. Lon.=339deg	
GOES	10:40	Ha...Class=SF		FePeak.c/s=8	
HRBS	10:43	Importance=C3		dt= 7.7s	
BCS	10:43	Peak...c/s=232		Cad=.26s	
FCS	11:11	CaPeak.c/s=192		Step=0"	
UVSP	11:11	Wavelength=2788A		Pitch=+310", Yaw=+359"	
Event # = 8557		87/09/07,12:05		Pitch=+433", Yaw=+170", Roll=-20deg	
87/09/07,12:05	DOY=250	S22E01		H. Ang=29deg	
Optical	Start	S24E02		Mac.=EAI Carr. Lon.=339deg	
GOES	11:56	Ha...Class=SF		MaxkeV=98	
HRBS	11:59:33	Importance=C3		FePeak.c/s=50	
BCS	12:01	Peak...c/s=232		dt= 3.8s	
FCS	12:01	CaPeak.c/s=192		Cad=.26s	
UVSP	11:48	Wavelength=2788A		Step=0"	
Radio	Frequency (MHz)/Flux(sfu):	1415/10 2695/8 4995/18 8800/38 15400/27		Pitch=+312", Yaw=+354"	

Event # = 21398									
87/09/07, 16:19	DOY=250		SMM Pointing:	S22W01				Pitch=+442", Yaw=+145", Roll=-20deg	H. Ang=29deg
Optical	Start	End times							
GOES 15:59	16:19	16:33	Ha...Class=SN	S24W00	AR4849		Mac.=EAI	Carr. Lon.=339deg	H. Ang=31deg
BCS 16:35	16:35	16:44	Importance=C3	Qual=05	FePeak=16:35		FePeak.c/s=7	#Peaks=1 dt= 7.7s	XEN=725004
FCS			CaPeak.c/s=31		Exp #=56082		Rast=0"x0"	Step=0" Cad=.26s	0.256s/pixel
UVSP 16:30			Wavelength=2788A				Rast=180"x1"	Pitch=+325", Yaw=+317"	
Event # = 21399									
87/09/07, 18:54	DOY=250		SMM Pointing:	S22W02				Pitch=+453", Yaw=+124", Roll=-20deg	H. Ang=29deg
Optical	Start	End times							
GOES 18:39	18:54	19:02	Ha...Class=SF	S24W02	AR4849		Mac.=EAI	Carr. Lon.=340deg	H. Ang=31deg
BCS 18:50	18:50	18:50	Importance=C1	Qual=02	FePeak=18:50		FePeak.c/s=8	#Peaks=1 dt= 7.7s	XEN=725005
FCS			CaPeak.c/s=21	Qual= 2	Exp #=56085		Rast=0"x0"	Step=0" Cad=.26s	0.256s/pixel
UVSP 18:13			Wavelength=2788A	Code=01			Rast=243"x243"	Step=3" Pitch=+458", Yaw=+132"	
Radio Sweeps Type/Intensity: V/I									
Event # = 8558									
87/09/07, 19:59	DOY=250		SMM Pointing:	S22W04				Pitch=+465", Yaw=-54", Roll=0deg	H. Ang=29deg
Optical	Start	End times							
GOES 19:52	19:59	20:24	Ha...Class=SF	S22W03	AR4849		Mac.=EAI	Carr. Lon.=340deg	H. Ang=29deg
HXRBS 19:55:38	19:56:02	19:56:37	Importance=C1	Qual=01	Tot Cts=367		Maxkev=69		
BCS 19:55	19:57	20:15	Peak...c/s=62	Qual=01	FePeak=19:56		FePeak.c/s=11	#Peaks=1 dt= 7.7s	XEN=725006
FCS			CaPeak.c/s=48	Qual= 1	Exp #=56086		Rast=0"x0"	Step=0" Cad=.26s	0.256s/pixel
UVSP 19:39			Wavelength=2788A	Code=01			Rast=180"x1"	Pitch=+344", Yaw=+131"	
Event # = 21400									
87/09/07, 21:39	DOY=250		SMM Pointing:	S22W04				Pitch=+465", Yaw=-67", Roll=0deg	H. Ang=30deg
Optical	Start	End times							
GOES 21:33	21:39	21:43	Importance=B7	S22W04	AR4849		Mac.=EAI	Carr. Lon.=340deg	H. Ang=30deg
BCS 21:38	21:38	21:43	CaPeak.c/s=19	Qual= 1	FePeak=21:40		FePeak.c/s=8	#Peaks=1 dt= 7.7s	XEN=725007
FCS			Wavelength=2788A		Exp #=56087		Rast=0"x0"	Step=0" Cad=.26s	0.256s/pixel
UVSP 21:13							Rast=180"x1"	Pitch=+344", Yaw=+118"	
Event # = 21401									
87/09/07, 23:32	DOY=250		SMM Pointing:	S22W05				Pitch=+465", Yaw=-80", Roll=0deg	H. Ang=30deg
Optical	Start	End times							
GOES 23:21	23:32	23:50	Importance=B8	S22W05	AR4849		Mac.=EAI	Carr. Lon.=339deg	H. Ang=30deg
BCS 23:26	23:30	23:40	CaPeak.c/s=27	Qual= 4	FePeak=23:27		FePeak.c/s=8	#Peaks=1 dt= 7.7s	XEN=725008
FCS			Wavelength=2788A		Exp #=56088		Rast=0"x0"	Step=0" Cad=.26s	0.256s/pixel
UVSP 22:46							Rast=180"x1"	Pitch=+344", Yaw=+105"	
Event # = 21402									
87/09/08, 03:34	DOY=251		SMM Pointing:	S22W07				Pitch=+464", Yaw=-106", Roll=0deg	H. Ang=30deg
Optical	Start	End times							
GOES 03:30	03:34	03:53	Ha...Class=SF	S23W06	AR4849		Mac.=EAI	Carr. Lon.=339deg	H. Ang=31deg
BCS 03:34	03:34	03:37	Importance=C1	Qual=04	FePeak=03:34		FePeak.c/s=9	#Peaks=1 dt= 7.7s	XEN=725100
FCS			CaPeak.c/s=44	Qual= 1	Exp #=56093		Rast=0"x0"	Step=0" Cad=.26s	0.256s/pixel
UVSP 03:29			Wavelength=2788A	Code=00			Rast=180"x1"	Pitch=+343", Yaw=+65"	

Event # = 21403	87/09/08, 08:42	DOY=251	Start	End times	SMM Pointing:	S22W10	Pitch=+463", Yaw=-158", Roll=0deg	H.Ang=31deg
Optical	08:37	08:42	08:47	08:47	Ha...Class=SF	S22W10	Mac.=EKI	H.Ang=31deg
GOES	08:40	08:40	08:40	08:40	Importance=C2	Qual=01	Carr. Lon.=340deg	
BCS	08:40	08:40	08:40	08:40	CaPeak.c/s=57	Qual= 6	#Peaks=1	XEN=725101
UVSP	09:10	08:40	08:40	08:40	Wavelength=2788A	Exp #=56100	dt= 7.7s	Pitch=+342", Yaw=+18"
							Step=0"	
Event # = 8560	87/09/08, 13:22	DOY=251	Start	End times	SMM Pointing:	S22W13	Pitch=+462", Yaw=-197", Roll=0deg	H.Ang=32deg
Optical	13:19	13:22	13:26	13:26	Ha...Class=SF	S22W13	Mac.=EKI	H.Ang=30deg
GOES	13:20:01	13:20:26	13:21:06	13:21:06	Importance=B8	Qual=01	Carr. Lon.=337deg	
HXRBS	13:21	13:21	13:23	13:23	Peak...c/s=55	Qual= 1	MaxkeV=69	XEN=725102
BCS	13:21	13:21	13:23	13:23	CaPeak.c/s=30	Qual= 1	dt= 7.7s	Cad=.26s
FCS	12:54	13:21	13:23	13:23	Wavelength=2788A	Exp #=56105	Step=0"	0.256s/pixel
UVSP	12:54	13:21	13:23	13:23			Pitch=+341", Yaw=-12"	
Event # = 8561	87/09/08, 16:21	DOY=251	Start	End times	SMM Pointing:	N07W00	Pitch=+0", Yaw=+0", Roll=0deg	H.Ang=0deg
Optical	16:17	16:21	16:25	16:25	Ha...Class=SF	S24W13	Mac.=EKI	H.Ang=34deg
GOES	16:18:26	16:19:29	16:19:40	16:19:40	Importance=B6	Qual=01	Carr. Lon.=339deg	
HXRBS	16:18:26	16:19:29	16:19:40	16:19:40	Peak...c/s=51	Qual=01	MaxkeV=69	
UVSP	16:18:26	16:19:29	16:19:40	16:19:40				
Event # = 8562	87/09/09, 00:20	DOY=252	Start	End times	SMM Pointing:	S22W23	Pitch=+547", Yaw=-169", Roll=-20deg	H.Ang=37deg
GOES	00:20:55	00:20:59	00:21:11	00:21:11	Ha...Class=SF	Qual=00	Flags=NS,GB	
HXRBS	00:20:55	00:20:59	00:21:11	00:21:11	Importance=B6	Qual=01	Step=0"	Pitch=+428", Yaw=+9"
UVSP	00:20:55	00:20:59	00:21:11	00:21:11	Peak...c/s=68	Qual=01	Rast=180"x1"	
Event # = 12762	87/09/09, 08:40	DOY=252	Start	End times	SMM Pointing:	S22W23	Pitch=+547", Yaw=-169", Roll=-20deg	H.Ang=37deg
GOES	08:40:25	08:40:28	08:41:05	08:41:05	Ha...Class=SF	Qual=01	MaxkeV=468	
HXRBS	08:40:25	08:40:28	08:41:05	08:41:05	Importance=B6	Qual=01	Rast=180"x1"	
UVSP	08:43	08:40:28	08:41:05	08:41:05	CaPeak.c/s=62	Qual=01	Step=0"	
Event # = 21404	87/09/09, 11:56	DOY=252	Start	End times	SMM Pointing:	S22W25	Pitch=+554", Yaw=-192", Roll=-20deg	H.Ang=38deg
GOES	11:39	11:56	12:26	12:26	Importance=B6	Qual=03	#Peaks=1	XEN=725200
BCS	11:52	11:52	11:56	11:56	CaPeak.c/s=20	Qual= 1	dt= 7.7s	Cad=.26s
FCS	11:43	11:52	11:56	11:56	Wavelength=1375A	Code=00	Step=0"	0.256s/pixel
UVSP	11:43	11:52	11:56	11:56		Exp #=56128	Pitch=+560", Yaw=-232"	
Event # = 8563	87/09/09, 17:37	DOY=252	Start	End times	SMM Pointing:	S22W28	Pitch=+567", Yaw=-237", Roll=-20deg	H.Ang=40deg
GOES	17:34	17:37	17:41	17:41	Importance=B4	Qual=01	MaxkeV=69	
HXRBS	17:35:29	17:35:36	17:35:47	17:35:47	Peak...c/s=89	Qual=01	Rast=30"x30"	Pitch=+572", Yaw=-255"
UVSP	17:31	17:35:29	17:35:47	17:35:47	Wavelength=1375A	Code=00	Step=0"	

Event # = 21405			87/09/10		DOY=253											
87/09/10,14:17			DOY=253		Peak		SMM Pointing:		S22W39				Pitch=+605",Yaw=-375",Roll=-20deg		H.Ang=48deg	
Optical							End times									
GOES 14:11			14:17				Ha...Class=SF		S22W41		AR4849		Mac.=EKI		H.Ang=50deg	
BCS 14:15			14:16				Importance=C1		Qual=01							
FCS			14:21				CaPeak.c/s=29		Qual=1		FePeak=14:15		FePeak.c/s=9		XEN=725300	
UVSP 14:33							Wave length=2788A				Exp #=56200		Rast=0"x0"		0.256s/pixel	
													Pitch=0"		Pitch=+485",Yaw=-196"	
Event # = 21406			87/09/11		DOY=254											
87/09/11,00:59			DOY=254		Peak		SMM Pointing:		S22W45				Pitch=+435",Yaw=-624",Roll=0deg		H.Ang=53deg	
GOES 00:38			01:21				End times									
BCS 00:57			01:02				Importance=B7		Qual=01		FePeak=00:58		FePeak.c/s=7		XEN=725400	
FCS			01:02				CaPeak.c/s=19		Qual=1		Exp #=56208		Rast=0"x0"		0.256s/pixel	
UVSP 00:35							Wave length=2788A						Rast=180"x1"		Pitch=+311",Yaw=-442"	
Event # = 21407			87/09/11		DOY=254											
87/09/11,04:23			DOY=254		Peak		SMM Pointing:		S22W47				Pitch=+430",Yaw=-646",Roll=0deg		H.Ang=54deg	
Optical							End times									
GOES 04:15			04:51				Ha...Class=1F		S22W47		AR4849		Mac.=EAO		H.Ang=55deg	
BCS 04:17			04:32				Importance=C2		Qual=01		FePeak=04:19		FePeak.c/s=14		XEN=725401	
FCS			04:28				CaPeak.c/s=59		Qual=1		Exp #=56213		Rast=0"x0"		1.024s/pixel	
UVSP 04:41							Wave length=2788A						Rast=180"x1"		Pitch=+308",Yaw=-466"	
Event # = 8566			87/09/11		DOY=254											
87/09/11,13:42			DOY=254		Peak		SMM Pointing:		S22W52				Pitch=+635",Yaw=-510",Roll=-20deg		H.Ang=59deg	
GOES 13:20			13:42				End times									
HXRBS 13:20:35			13:21:17				Importance=B4		Qual=01		Tot Cts=1340		MaxkeV=187		XEN=725402	
UVSP 14:07							Peak...c/s=64		Qual=01		Exp #=56225		Rast=180"x1"		1.024s/pixel	
							Wave length=2788A						Step=0"		Pitch=+515",Yaw=-331"	
Event # = 12763			87/09/11		DOY=254											
87/09/11,16:27			DOY=254		Peak		SMM Pointing:		S22W49				Pitch=+426",Yaw=-672",Roll=0deg		H.Ang=56deg	
GOES 16:27:12			16:27:15				End times						Flags=NS,GB			
HXRBS 16:27:12			16:27:15				Peak...c/s=61		Qual=01		Tot Cts=67		MaxkeV=157		XEN=725402	
UVSP 16:26							Wave length=2788A				Exp #=56228		Rast=243"x243"		0.256s/pixel	
													Step=3"		Pitch=+433",Yaw=-660"	
Event # = 8587			87/09/11		DOY=254											
87/09/11,18:20			DOY=254		Peak		SMM Pointing:		S22W54				Pitch=+419",Yaw=-720",Roll=0deg		H.Ang=61deg	
Optical							End times									
GOES 18:08			18:20				Ha...Class=SF		S21W55		AR4849		Mac.=EAO		H.Ang=61deg	
HXRBS 17:59:35			18:08:54				Importance=C2		Qual=01		Tot Cts=8840		MaxkeV=69		XEN=725402	
BCS 18:11			18:16				Peak...c/s=66		Qual=01		FePeak=18:16		FePeak.c/s=15		0.256s/pixel	
FCS			18:27				CaPeak.c/s=60		Qual=1		Exp #=56229		Rast=0"x0"		1.024s/pixel	
UVSP 18:00							Wave length=1375A		Code=00				Rast=265"x265"		Pitch=+426",Yaw=-708"	

87/09/12 DOY=255											
Event # = 8567 87/09/12, 06:45		DOY=255 Peak		SMM Pointing:		S22W60		Pitch=+647", Yaw=-583", Roll=-20deg		H.Ang=66deg	
Optical				Ha...Class=1F		S23W62		Mac.=EAO		H.Ang=68deg	
GOES		06:35		Importance=C1		Qual=01		Carr.Lon.=340deg			
HXRBS		06:36:50		Peak...c/s=112		Qual=01		MaxkeV=127		dt= 7.7s	
BCS		06:41		CaPeak.c/s=43		Qual= 1		FePeak=06:42		XEN=725500	
FCS		06:43		Wavelength=2788A		Code=01		Rast=0"x0"		Cad=.26s	
UVSP		06:26						Rast=180"x1"		Pitch=+527", Yaw=-405"	
Event # = 21408											
87/09/12, 12:11		DOY=255		SMM Pointing:		S22W64		Pitch=+650", Yaw=-609", Roll=-20deg		H.Ang=69deg	
Optical				Ha...Class=1F		S23W66		Mac.=EAO		H.Ang=71deg	
GOES		12:02		Importance=C1		Qual=02		Carr.Lon.=341deg			
BCS		12:09		CaPeak.c/s=22		Qual= 8		FePeak=12:09		XEN=725501	
FCS		12:07		Wavelength=2788A		Code=00		Rast=0"x0"		dt= 7.7s	
UVSP								Rast=180"x1"		Cad=.26s	
87/09/13 DOY=256											
Event # = 21409		DOY=256		SMM Pointing:		S22W73		Pitch=+653", Yaw=-664", Roll=-20deg		H.Ang=77deg	
87/09/13, 07:40		Peak		Importance=B8		Qual=04		FePeak.c/s=9		XEN=725600	
GOES		07:31		CaPeak.c/s=22		Qual= 5		Rast=0"x0"		Cad=.26s	
BCS		07:39		Wavelength=2788A		Code=00		Rast=180"x1"		Pitch=+531", Yaw=-487"	
FCS		07:33									
UVSP											
Event # = 21410											
87/09/13, 08:06		DOY=256		SMM Pointing:		S22W73		Pitch=+653", Yaw=-664", Roll=-20deg		H.Ang=77deg	
87/09/13, 08:06		Peak		Importance=B8		Qual=01		FePeak.c/s=7		XEN=725601	
GOES		07:57		CaPeak.c/s=20		Qual= 4		Rast=0"x0"		Cad=.26s	
BCS		08:03		Wavelength=2788A		Code=00		Rast=180"x1"		Pitch=+531", Yaw=-490"	
FCS		08:31									
UVSP											
Event # = 8568											
87/09/13, 12:16		DOY=256		SMM Pointing:		S22W75		Pitch=+652", Yaw=-674", Roll=-20deg		H.Ang=79deg	
87/09/13, 12:16		Peak		Importance=B4		Qual=05		MaxkeV=218		Flags=1	
GOES		12:11		Peak...c/s=74		Qual=01		Rast=180"x1"		Pitch=+530", Yaw=-498"	
HXRBS		12:21:22		Wavelength=2788A		Code=02		Tot Cts=3095			
UVSP		12:16						Exp #=56274			
Event # = 8569											
87/09/13, 15:38		DOY=256		SMM Pointing:		S22W79		Pitch=+375", Yaw=-869", Roll=0deg		H.Ang=82deg	
87/09/13, 15:38		Peak		Importance=B4		Qual=01		MaxkeV=127		XEN=725601	
GOES		15:31		Peak...c/s=57		Qual=01		Rast=180"x1"		Cad=.26s	
HXRBS		15:31:12		Wavelength=2788A		Code=01		Tot Cts=5605		dt= 7.7s	
UVSP		15:23						Exp #=56278		XEN=725500	
								Rast=180"x1"		0.256s/pixel	
								Pitch=+254", Yaw=+184"			



Event # = 8571		87/09/14		DOY=257	
87/09/14, 13:41		S25W26		Pitch=+605", Yaw=-185", Roll=-20deg	
GOES 13:34		SMM Pointing:		H. Ang=41deg	
GOES 13:34		End times			
GOES 13:34		Importance=82			
HXRBS 13:30:59		Peak...c/s=65			
UVSP 13:22		Wave length=2788A			
Radio Sweeps		Type/Intensity: III/I V/2		Step=0" Pitch=+484", Yaw=-1"	
		Code=01		MaxkeV=69	
		Tot Cts=1700		Rast=180"x1"	
		Exp #=56301			
Event # = 8598		87/09/17		DOY=260	
87/09/17, 11:26		S31W18		Pitch=+636", Yaw=-39", Roll=-20deg	
Optical		SMM Pointing:		H. Ang=42deg	
GOES 11:20		Ha....Class=SF			
GOES 11:20		Importance=82		Mac.=CS0	
HXRBS 11:28:44		Peak...c/s=64		Carr. Lon.=229deg	
UVSP 11:26		Wave length=2788A		H. Ang=44deg	
		Code=02		MaxkeV=98	
		Exp #=56377		Rast=180"x1"	
				Step=0" Pitch=+518", Yaw=+139"	
Event # = 8572		87/09/17		DOY=260	
87/09/17, 13:29		S31W19		Pitch=+641", Yaw=-49", Roll=-20deg	
GOES		SMM Pointing:		H. Ang=42deg	
HXRBS 13:29:01		Peak...c/s=600			
UVSP 13:35		Wave length=2788A		Qual=00	
		Code=01		Tot Cts=1331	
				Exp #=56380	
Event # = 8573		87/09/17		DOY=260	
87/09/17, 20:20		S31W23		Pitch=+581", Yaw=-321", Roll=0deg	
Optical		SMM Pointing:		H. Ang=44deg	
GOES 20:06		Ha....Class=SF			
GOES 20:06		Importance=C2		Carr. Lon.=142deg	
HXRBS 20:09:03		Peak...c/s=62		H. Ang=70deg	
UVSP 19:52		Wave length=2788A		MaxkeV=69	
		Code=01		Rast=180"x1"	
				Step=0" Pitch=+460", Yaw=-136"	
Event # = 8588		87/09/28		DOY=271	
87/09/28, 22:09		N07W00		Pitch=-1", Yaw=+0", Roll=-20deg	
GOES		SMM Pointing:		H. Ang=0deg	
HXRBS 22:09:18		Peak...c/s=152			
UVSP 21:17		Wave length=2788A		Qual=00	
		Code=01		Tot Cts=616	
				Exp #=56710	
Event # = 8589		87/09/30		DOY=273	
87/09/30, 04:56					
GOES		SMM Pointing:			
HXRBS 04:54:34		Peak...c/s=56		Qual=00	
UVSP 04:41		Wave length=2788A		Qual=01	
		Code=01		Tot Cts=1895	
				Exp #=56747	
				MaxkeV=69	
				Rast=180"x1"	
				Step=0" Pitch=+7", Yaw=+16"	

87/10/04 DOY=277									
Event # = 8590	87/10/04, 22:17	DOY=277	SMM Pointing:		End times		Pitch=-413", Yaw=+25", Roll=-20deg		
Optical	Start	Peak	Ha...Class=SF		22:34		Mac.=EAI Carr. Lon.=330deg		
GOES	22:10	22:17	Importance=B7		22:13:09		MaxkeV=69 dt= 7.7s XEN=727700		
HXRBS	22:11:14	22:11:20	Peak...c/s=50		22:20		FePeak.c/s=10 Cad=.26s 0.256s/pixel		
BCS	22:14	22:14	CaPeak.c/s=24		22:20		Rast=0"x0" Step=0" Pitch=-406", Yaw=+37"		
FCS			Wavelength=2788A		Code=00		Rast=243"x243" Step=3"		
UVSP	21:54		Wavelength=2788A		Exp #=56872				
87/10/05 DOY=278									
Event # = 8660	87/10/05, 21:38	DOY=278	SMM Pointing:		End times		Pitch=+519", Yaw=-202", Roll=-20deg		
Optical	Start	Peak	Ha...Class=SB		21:47		Mac.=BX0 Carr. Lon.=295deg		
GOES	21:30	21:38	Importance=C2		21:40:05		MaxkeV=157 Flags=I		
HXRBS	21:28:47	21:32:47	Peak...c/s=93		21:40:05		Rast=243"x243" Step=3" Pitch=+527", Yaw=-190"		
UVSP	21:27		Wavelength=2788A		Code=00		Step=3"		
Radio	Frequency (MHz)/Flux(sfu):		245/230 410/150 606/80 1415/64						
87/10/07 DOY=280									
Event # = 8593	87/10/07, 00:57	DOY=280	SMM Pointing:		End times		Pitch=-276", Yaw=-363", Roll=-20deg		
Optical	Start	Peak	Ha...Class=SF		01:16		Mac.=CR0 Carr. Lon.=296deg		
GOES	00:52	00:57	Importance=B8		00:54:41		MaxkeV=98 Step=0" Pitch=-140", Yaw=-185"		
HXRBS	00:53:47	00:54:13	Peak...c/s=72		00:54:41		Rast=180"x1" Step=0" Pitch=-140", Yaw=-185"		
UVSP	00:58		Wavelength=2788A		Code=02		Step=0" Pitch=-140", Yaw=-185"		
Radio	Frequency (MHz)/Flux(sfu):		245/4900						
87/10/09 DOY=282									
Event # = 8594	87/10/09, 02:30	DOY=282	SMM Pointing:		End times		Pitch=-416", Yaw=-91", Roll=0deg		
Optical	Start	Peak	Ha...Class=SF		02:38		Mac.=BX0 Carr. Lon.=293deg		
GOES	02:19	02:30	Importance=B5		02:25:42		MaxkeV=127 Flags=SA,AX		
HXRBS	02:22:54	02:23:12	Peak...c/s=78		02:25:42		Rast=180"x1" Step=0" Pitch=-283", Yaw=+87"		
UVSP	03:11		Wavelength=2788A		Code=02		Step=0" Pitch=-283", Yaw=+87"		
Radio	Frequency (MHz)/Flux(sfu):		245/180						
87/10/10 DOY=283									
Event # = 8595	87/10/10, 02:33	DOY=283	SMM Pointing:		End times		Pitch=-321", Yaw=+874", Roll=0deg		
Optical	Start	Peak	Ha...Class=SF		02:56		Mac.=BX0 Carr. Lon.=293deg		
GOES	02:27	02:33	Importance=B7		02:28:34		MaxkeV=69 dt= 7.7s XEN=728300		
HXRBS	02:28:18	02:28:34	Peak...c/s=51		02:34		FePeak.c/s=7 Cad=.26s 0.256s/pixel		
BCS	02:31	02:31	CaPeak.c/s=18		02:34		Rast=180"x1" Step=0" Pitch=-185", Yaw=+800"		
FCS			Wavelength=2788A		Code=00		Step=0" Pitch=-185", Yaw=+800"		
UVSP	02:44		Wavelength=2788A		Exp #=57006				

Event # = 8596		87/10/11		DOY=284			
87/10/11, 00:10		SMM Pointing:		N21E55		Pitch=-303", Yaw=+817", Roll=0deg	
DOY=284		End times				H. Ang=65deg	
Start		00:10		Qual=01			
GOES 00:06		Importance=86		Qual=01			
HXRBS 00:07:20		Peak...c/s=105		Qual=1			
BCS 00:09		CaPeak.c/s=27		Tot Cts=1252			
UVSP 23:44		Wavelength=2788A		FePeak=00:09			
				Exp #=57028			
						MaxkeV=69	
						FePeak.c/s=9	
						Rast=180"x1"	
						#Peaks=1	
						dt= 7.7s	
						XEN=728400	
						Pitch=-167", Yaw=+741"	
Event # = 8597		87/10/11, 16:00		DOY=284			
Start		SMM Pointing:		N21E56		Pitch=-290", Yaw=+747", Roll=0deg	
End times						H. Ang=56deg	
16:00:39		Peak...c/s=125		Qual=01			
HXRBS 16:00:57		Wavelength=2788A		Tot Cts=1130			
UVSP 16:25				Exp #=57043			
						MaxkeV=469	
						Rast=180"x1"	
						Flags=NS, GB	
						Step=0"	
						Pitch=-155", Yaw=+671"	
Event # = 12764		87/10/12		DOY=285			
87/10/12, 12:39		SMM Pointing:		N21E45		Pitch=-275", Yaw=+636", Roll=0deg	
Start						H. Ang=46deg	
End times							
12:39:40		Peak...c/s=49		Qual=01			
HXRBS 12:39:41		Wavelength=2788A		Tot Cts=32			
UVSP 12:49				Exp #=57064			
						Rast=180"x1"	
						Flags=NS, GB	
						Step=0"	
						Pitch=-141", Yaw=+560"	
Event # = 21411		87/10/12, 22:16		DOY=285			
Start		SMM Pointing:		N21E40		Pitch=-270", Yaw=+576", Roll=0deg	
End times						H. Ang=41deg	
22:11		Ha...Class=SN					
GOES 22:16		Importance=87		Qual=03			
BCS 22:15		CaPeak.c/s=26		Qual=1			
FCS 22:18				FePeak=22:15			
UVSP 22:14		Wavelength=2788A		Code=00			
Radio		Frequency(MHz)/Flux(sfu):		245/74			
						Mac.=EK1	
						Carr. Lon.=192deg	
						H. Ang=44deg	
						#Peaks=1	
						dt= 7.7s	
						XEN=728500	
						Step=0"	
						Cad=.26s	
						0.256s/pixel	
						Step=0"	
						Pitch=-136", Yaw=+501"	
Event # = 8599		87/10/13, 21:30		DOY=286			
Start		SMM Pointing:		N21E27		Pitch=-259", Yaw=+413", Roll=0deg	
End times						H. Ang=30deg	
21:30		Ha...Class=SF					
GOES 21:25		Importance=86		Qual=01			
HXRBS 21:25:48		CaPeak.c/s=69		Qual=01			
UVSP 21:48		Wavelength=2788A		Tot Cts=190			
				Exp #=57101			
						MaxkeV=69	
						Rast=180"x1"	
						Step=0"	
						Pitch=-125", Yaw=+334"	
Event # = 8600		87/10/14, 07:14		DOY=287			
Start		SMM Pointing:		N21E22		Pitch=+339", Yaw=+256", Roll=90deg	
End times						H. Ang=26deg	
07:14		Importance=83		Qual=01			
GOES 07:12		Peak...c/s=69		Qual=01			
HXRBS 07:12:14		Wavelength=2788A		Code=00			
UVSP 06:31				Tot Cts=187			
				Exp #=57131			
						MaxkeV=69	
						Rast=243"x243"	
						Step=3"	
						Pitch=+345", Yaw=+268"	
Event # = 21412		87/10/14, 19:53		DOY=287			
Start		SMM Pointing:		N21E15		Pitch=-253", Yaw=+230", Roll=0deg	
End times						H. Ang=21deg	
19:53		CaPeak.c/s=21		Qual=00			
GOES 19:53		Wavelength=2788A		Qual=5			
BCS 19:53				FePeak=19:53			
UVSP 19:46				Exp #=57145			
						FePeak.c/s=5	
						#Peaks=1	
						dt= 7.7s	
						XEN=728700	
						Step=0"	
						Pitch=-119", Yaw=+160"	

Event # = 8601		87/10/15		DOY=288	
87/10/15, 11:12	DOY=288	N21E07		Pitch=-251", Yaw=+107", Roll=0deg	
Optical	End times	SMM Pointing:		H. Ang=16deg	
GOES 11:05	11:12	Ha...Class=SB		H. Ang=13deg	
HXRBS 11:07:11	11:07:40	Importance=C5		Carr. Lon.=195deg	
BCS 11:07	11:12	Peak...c/s=349		MaxkeV=98	
FCS	11:12	CaPeak.c/s=250		#Peaks=1 dt= 3.8s	
UVSP 11:29		Wavelength=2788A		Step=0" Cad=.26s	
		Exp #=57161		Pitch=-117", Yaw=+28"	
Event # = 8602		87/10/16		DOY=289	
87/10/16, 06:26	DOY=289	N21W03		Pitch=-252", Yaw=-54", Roll=0deg	
Optical	End times	SMM Pointing:		H. Ang=16deg	
GOES 06:22	06:26	Importance=B9		H. Ang=38deg	
HXRBS 06:23:01	06:23:23	Peak...c/s=62		Carr. Lon.=212deg	
UVSP 06:18	06:23:48	Wavelength=1375A		MaxkeV=69	
Radio	Frequency(MHz)/Flux(sfu):	410/40 1415/44 2695/28 4995/19 8800/24		Step=0" Pitch=-228", Yaw=-76"	
Event # = 8603		87/10/16		DOY=289	
87/10/16, 09:19	DOY=289	N21W05		Pitch=-252", Yaw=-80", Roll=0deg	
Optical	End times	SMM Pointing:		H. Ang=16deg	
GOES 09:15	09:19	Ha...Class=SF		H. Ang=38deg	
HXRBS 09:16:21	09:16:48	Importance=C2		Carr. Lon.=212deg	
UVSP 09:28	09:19:58	Peak...c/s=88		MaxkeV=69	
Radio	Frequency(MHz)/Flux(sfu):	1415/20 2695/25		Step=0" Pitch=-118", Yaw=-159"	
Event # = 21413		87/10/16, 10:33		DOY=289	
87/10/16, 10:33	DOY=289	N21W06		Pitch=-252", Yaw=-94", Roll=0deg	
Optical	End times	SMM Pointing:		H. Ang=16deg	
GOES 10:27	10:33	Importance=B9		H. Ang=38deg	
BCS 10:36	10:36	CaPeak.c/s=21		Carr. Lon.=212deg	
FCS	10:36	Wavelength=2788A		MaxkeV=69	
UVSP 11:01	11:01	Exp #=57208		Step=0" Pitch=-118", Yaw=-173"	
Event # = 8604		87/10/16, 15:07		DOY=289	
87/10/16, 15:07	DOY=289	N21W08		Pitch=-254", Yaw=-133", Roll=0deg	
Optical	End times	SMM Pointing:		H. Ang=17deg	
GOES 15:02	15:07	Ha...Class=SF		H. Ang=13deg	
HXRBS 15:04:31	15:04:59	Importance=B7		Carr. Lon.=192deg	
BCS 15:06	15:06	Peak...c/s=259		MaxkeV=98	
FCS	15:06	CaPeak.c/s=25		#Peaks=1 dt= 7.7s	
UVSP 14:45	15:09	Exp #=57213		Step=0" Cad=.26s	
Radio	Type/Intensity:	V/I		Pitch=-120", Yaw=-203"	
Radio	Frequency(MHz)/Flux(sfu):	1415/43 2695/36 4995/41			
Event # = 21414		87/10/16, 17:19		DOY=289	
87/10/16, 17:19	DOY=289	N21W09		Pitch=-254", Yaw=-146", Roll=0deg	
Optical	End times	SMM Pointing:		H. Ang=18deg	
GOES 17:05	17:19	Importance=C1		H. Ang=13deg	
BCS 17:11	17:13	CaPeak.c/s=24		Carr. Lon.=192deg	
FCS	17:11	Wavelength=2788A		MaxkeV=98	
UVSP 17:18	17:18	Exp #=57216		#Peaks=1 dt= 7.7s	
				Step=0" Cad=.26s	
				Pitch=-120", Yaw=-224"	

Event # = 8627		87/10/17		DOY=290	
87/10/17, 22:43	Start	DOY=290	Peak		
Optical	SMM Pointing:	N21W25			
Optical	Ha...Class=1N	S25W39	AR4870		
GOES	Ha...Class=SF	S29W67	AR4769		
HXRBS	Importance=C8	Qual=01			
UVSP	Peak...c/s=68	Qual=01	Tot Cts=2970		
	Wavelength=2788A		Exp #=57284		
Event # = 8605		87/10/18		DOY=291	
87/10/18, 05:31	Start	DOY=291	Peak		
Optical	SMM Pointing:	N21W29			
GOES	Ha...Class=SN	N22W27	AR4866		
HXRBS	Importance=C1	Qual=03			
BCS	Peak...c/s=62	Qual=01	Tot Cts=3792		
FCS	CaPeak.c/s=31	Qual= 3	FePeak=05:26		
UVSP	Wavelength=1375A	Code=00	Exp #=57316		
Event # = 8606		87/10/18		DOY=291	
87/10/18, 17:53	Start	DOY=291	Peak		
Optical	SMM Pointing:	N21W36			
GOES	Ha...Class=SF	S25W50	AR4870		
HXRBS	Importance=C1	Qual=01			
UVSP	Peak...c/s=76	Qual=01	Tot Cts=165		
	Wavelength=2788A	Code=02	Exp #=57320		
Event # = 8658		87/10/19		DOY=292	
87/10/18, 20:39	Start	DOY=291	Peak		
GOES	SMM Pointing:	N21W37			
HXRBS	Importance=C1	Qual=01			
UVSP	Peak...c/s=54	Qual=01	Tot Cts=350		
	Wavelength=2788A		Exp #=57323		
Event # = 8607		87/10/19		DOY=292	
87/10/19, 15:16	Start	DOY=292	Peak		
GOES	SMM Pointing:	N06W00			
HXRBS	Ha...Class=SF	Qual=00			
UVSP	Peak...c/s=64	Qual=01	Tot Cts=604		
	Wavelength=2788A		Exp #=57375		
Event # = 8608		87/10/19		DOY=292	
87/10/19, 23:36	Start	DOY=292	Peak		
Optical	SMM Pointing:	N21W52			
GOES	Ha...Class=SF	S26W64	AR4870		
HXRBS	Importance=B6	Qual=01			
UVSP	Peak...c/s=89	Qual=01	Tot Cts=788		
	Wavelength=2788A		Exp #=57377		

87/10/20 DOY=293				87/10/20 DOY=293			
Event # = 8609				SMM Pointing:	N21W54		Pitch=-293", Yaw=-731", Roll=0deg H.Ang=55deg
87/10/20, 04:01	DOY=293	End times		Importance=C1	Qual=01		
GOES 03:56	04:01	04:03		Peak...c/s=105	Qual=01		
HXRBS 03:58:43	03:59:09	03:59:38		Wavelength=1375A	Code=00	Tot Cts=741	MaxkeV=69
UVSP 03:55						Exp #=57385	Rast=30"x30" Step=0" Pitch=-300", Yaw=-720"
Event # = 8631				SMM Pointing:	N21W56		Pitch=-296", Yaw=-751", Roll=0deg H.Ang=57deg
87/10/20, 08:47	DOY=293	End times		Importance=C1	Qual=01		
GOES 08:43	08:47	09:00		Peak...c/s=104	Qual=01		
HXRBS 08:43:20	08:45:01	08:46:00		Wavelength=1375A	Code=00	Tot Cts=1470	MaxkeV=98
UVSP 08:44						Exp #=57409	Rast=30"x30" Step=0" Pitch=-303", Yaw=-753"
87/10/21 DOY=294				87/10/21 DOY=294			
Event # = 8657				SMM Pointing:	S25W78		Pitch=+420", Yaw=-858", Roll=0deg H.Ang=82deg
87/10/21, 08:55	DOY=294	End times		Importance=B2	Qual=02		
GOES 08:49	08:55	09:01		Peak...c/s=51	Qual=01		
HXRBS 08:48:38	08:49:26	08:49:32		Wavelength=2788A	Code=00	Tot Cts=270	MaxkeV=69
UVSP 08:50						Exp #=57462	Rast=180"x1" Step=0" Pitch=+295", Yaw=-681"
Event # = 21415				SMM Pointing:	S25W78		Pitch=+420", Yaw=-858", Roll=0deg H.Ang=82deg
87/10/21, 10:27	DOY=294	End times		Importance=B8	Qual=03		
GOES 10:07	10:27	10:39		CaPeak.c/s=25	Qual=3	FePeak=10:24	dt=7.7s XEN=729400
BGS 10:24	10:25	10:29		Wavelength=2788A	Code=00	Exp #=57463	Rast=180"x1" Step=0" Cad=.26s 0.256s/pixel
UVSP 10:25							Pitch=+294", Yaw=-682"
Event # = 8630				SMM Pointing:	N21W75		Pitch=-323", Yaw=-870", Roll=0deg H.Ang=74deg
87/10/21, 19:07	DOY=294	End times		Peak...c/s=67	Qual=01		MaxkeV=585
HXRBS 19:06:54	19:07:02	19:07:17		Wavelength=2788A	Code=01	Tot Cts=271	Rast=180"x1" Step=0" Pitch=-189", Yaw=-689"
UVSP 18:50						Exp #=57466	
Event # = 8610				SMM Pointing:	N21W77		Pitch=-326", Yaw=-880", Roll=0deg H.Ang=76deg
87/10/21, 22:19	DOY=294	End times		Importance=B3	Qual=01		
GOES 22:17	22:19	22:24		Peak...c/s=55	Qual=01	Tot Cts=119	MaxkeV=69
HXRBS 22:17:12	22:17:48	22:18:04		Wavelength=2788A	Code=01	Exp #=57468	Rast=180"x1" Step=0" Pitch=-192", Yaw=-695"
UVSP 21:59							
87/10/30 DOY=303				87/10/30 DOY=303			
Event # = 8614				SMM Pointing:	S26E26		Pitch=+491", Yaw=+377", Roll=0deg H.Ang=40deg
87/10/30, 15:03	DOY=303	End times		Peak...c/s=55	Qual=01		
GOES 15:02:01	15:03:42	15:05:09		Wavelength=2788A	Qual=00	Tot Cts=1281	MaxkeV=128
HXRBS 14:50					Qual=01	Exp #=57711	Rast=180"x1" Step=0" Pitch=+370", Yaw=+306"
UVSP 14:50							

Event # = 8654		87/11/01		DOY=305	
87/11/01, 20:49		S28W02		Pitch=+520", Yaw=-34", Roll=0deg	
GOES 20:45		Qual=01		H. Ang=33deg	
HXRBS 20:45:27		Importance=C2		MaxkeV=128	
UVSP 20:12		Peak...c/s=221		Rast=180"x1"	
		Wavelength=2788A		Flags=I	
				Step=0"	
				Pitch=+396", Yaw=+147"	
Tot Cts=3320					
Exp #=57768					
Event # = 8655					
87/11/01, 22:13		S28W03		Pitch=+517", Yaw=-44", Roll=0deg	
Optical				H. Ang=32deg	
GOES 22:07		S25E90		Mac.=CS0	
HXRBS 22:10:26		Qual=01		Carr. Lon.=240deg	
UVSP 21:46		Qual=01		H. Ang=92deg	
		Peak...c/s=111		MaxkeV=98	
		Wavelength=2788A		Rast=180"x1"	
		245/180		Flags=I	
				Step=0"	
				Pitch=+396", Yaw=+135"	
Tot Cts=1550					
Exp #=57769					
Event # = 8615					
87/11/02, 14:00		S28W12		Pitch=+515", Yaw=-174", Roll=0deg	
Optical				H. Ang=34deg	
GOES 13:48		S23E65		Mac.=CS0	
HXRBS 13:52:27		N27W38		Carr. Lon.=256deg	
UVSP 14:26		Qual=02		H. Ang=69deg	
		Qual=11		Carr. Lon.=359deg	
		Peak...c/s=62		MaxkeV=70	
		Wavelength=2788A		Rast=180"x1"	
		V/2		Flags=IS	
		245/220 410/16		Step=0"	
				Pitch=+394", Yaw=-4"	
Tot Cts=1130					
Exp #=57788					
Event # = 21416					
87/11/02, 18:13		S23E64		Pitch=+413", Yaw=+799", Roll=0deg	
Optical				H. Ang=68deg	
GOES 18:08		S23E57		Mac.=CS0	
BCS 18:19		Qual=05		Carr. Lon.=262deg	
FCS 18:20		Qual= 4		H. Ang=62deg	
		FePeak=18:20		#Peaks=1	
		Wavelength=2788A		dt= 7.7s	
		Code=02		Step=0"	
				Cad=.26s	
				0.256s/pixel	
				Pitch=+421", Yaw=+805"	
Exp #=57792					
Event # = 8617					
87/11/03, 02:18		S23E60		Pitch=+417", Yaw=+767", Roll=0deg	
GOES 02:16				H. Ang=64deg	
HXRBS 02:16:21		Qual=01			
UVSP 02:01		Importance=B9		MaxkeV=98	
		Peak...c/s=153		Rast=180"x1"	
		Wavelength=2788A		Step=0"	
		Code=01		Pitch=+297", Yaw=+691"	
		111/2			
		2695/42			
Exp #=57798					
Event # = 21417					
87/11/03, 04:05		S23E58		Pitch=+419", Yaw=+756", Roll=0deg	
GOES 03:59				H. Ang=63deg	
BCS 04:02		Qual=01			
FCS 03:35		Qual= 1		#Peaks=1	
		FePeak=04:03		dt= 7.7s	
		Wavelength=2788A		XEN=730700	
				Step=0"	
				Cad=.26s	
				0.256s/pixel	
				Pitch=+298", Yaw=+684"	
Exp #=57800					

Event # = 8618																	
87/11/03, 04:14		DOY=307	SMM Pointing:		S23E58	Pitch=+419", Yaw=+756", Roll=0deg		H. Ang=63deg									
Start		Peak	End times														
HXRBS 04:14:53		04:14:57	04:15:11	Peak...c/s=337		Qual=01		Tot Cts=914									
UVSP 04:34		Wavelength=2788A		Peak...c/s=337		Qual=01		Exp #=57801									
Flags=NS,GB																	
Step=0" Pitch=+298", Yaw=+680"																	
Event # = 8616																	
87/11/03, 05:37										DOY=307	SMM Pointing:		S23E57	Pitch=+420", Yaw=+746", Roll=0deg		H. Ang=62deg	
Start										Peak	End times						
GOES 05:33		05:37	05:42	Importance=88		Qual=01		Tot Cts=335									
HXRBS 05:34:49		05:35:16	05:35:39	Peak...c/s=63		Qual=01		Exp #=57802									
UVSP 05:10		Wavelength=2788A		Peak...c/s=63		Qual=01		Step=0" Pitch=+299", Yaw=+677"									
Type/Intensity: 111/1																	
Radio Frequency (MHz)/Flux(sfu): 245/430																	
Event # = 8619																	
87/11/04, 08:08		DOY=308	SMM Pointing:		N28W58	Pitch=-421", Yaw=-728", Roll=0deg		H. Ang=60deg									
Start		Peak	End times														
Optical		Ha...Class=SF		N31W66		Carr. Lon.=4deg		H. Ang=67deg									
GOES 08:00		08:08	08:27	Importance=C1		Qual=01											
HXRBS 08:03:46		08:03:55	08:04:16	Peak...c/s=62		Qual=01		Tot Cts=378									
BCS 08:05		08:07	08:11	CaPeak.c/s=30		Qual=1		FePeak=08:05									
FCS		Wavelength=2788A		Code=01		Exp #=57851											
UVSP 07:52		Wavelength=2788A		Code=01		Exp #=57851											
Event # = 8620																	
87/11/04, 09:41		DOY=308	SMM Pointing:		N28W58	Pitch=-421", Yaw=-728", Roll=0deg		H. Ang=60deg									
Start		Peak	End times														
GOES 09:40		09:41	09:50	Importance=87		Qual=01		Tot Cts=781									
HXRBS 09:41:38		09:41:49	09:42:54	Peak...c/s=113		Qual=01		Exp #=57853									
UVSP 09:27		Wavelength=2788A		Code=01		Exp #=57853											
Event # = 8622																	
87/11/04, 17:20		DOY=308	SMM Pointing:		N28W62	Pitch=-426", Yaw=-758", Roll=0deg		H. Ang=64deg									
Start		Peak	End times														
Optical		Ha...Class=SF		N28W57		Carr. Lon.=350deg		H. Ang=59deg									
GOES 17:05		17:20	17:53	Importance=M1		Qual=05											
HXRBS 17:20:59		17:21:27	17:23:25	Peak...c/s=65		Qual=02		Tot Cts=949									
BCS 17:22		17:23	17:36	CaPeak.c/s=834		Qual=4		FePeak=17:23									
FCS		Wavelength=1375A		Code=02		Exp #=57863											
UVSP 17:23		Wavelength=1375A		Code=02		Exp #=57863											
Type/Intensity: 11/2																	
Radio Sweeps																	
BCS 17:36		17:36	17:40	CaPeak.c/s=40		Qual=5		Event # = 21418									
FCS		Wavelength=1375A		Code=02		Exp #=57864		FePeak=17:36									
UVSP 17:24		Wavelength=1375A		Code=02		Exp #=57864											
Event # = 21419																	
87/11/04, 20:53		DOY=308	SMM Pointing:		N32W63	Pitch=-484", Yaw=-732", Roll=0deg		H. Ang=65deg									
Start		Peak	End times														
Optical		Ha...Class=SF		N30W72		Carr. Lon.=3deg		H. Ang=72deg									
GOES 20:30		20:53	21:44	Importance=C1		Qual=03		Tot Cts=7									
BCS 20:45		20:54	21:05	CaPeak.c/s=22		Qual=4		FePeak=20:46									
FCS		Wavelength=1375A		Code=00		Exp #=57876											
UVSP 20:46		Wavelength=1375A		Code=00		Exp #=57876											



Event # = 21420									
87/11/04, 23:31	Start	DOY=308	Peak	SMM Pointing:	N32W64			Pitch=-487", Yaw=-742", Roll=0deg	H.Ang=66deg
Optical									
GOES	23:20	23:31	00:06	Ha...Class=SF	N27W62	AR4875		Mac.=EAI	H.Ang=63deg
BCS	23:39	23:41	23:57	Importance=M2	Qual=05			Carr. Lon.=352deg	
FCS				CaPeak.c/s=274	Qual=4	FePeak=23:39		FePeak.c/s=31	XEN=730804
UVSP	23:39					Exp #=57887		dt=3.8s	
Radio Sweeps				Wavelength=1375A	Code=02			Step=0"	Cad=.26s
Radio	Frequency(MHz)/Flux(sfu):			11/2 11/3				Rast=280"x280"	XEN=730804
				4995/23 8800/26 15400/15				Step=10"	0.256s/pixel
								Pitch=10"	Yaw=-735"
87/11/05 DOY=309									
Event # = 8623									
87/11/05, 05:03	Start	DOY=309	Peak	SMM Pointing:	N32W68			Pitch=-490", Yaw=-762", Roll=0deg	H.Ang=69deg
Optical									
GOES	04:50	05:03	05:40	Ha...Class=SF	N30W73	AR4875		Mac.=EAI	H.Ang=73deg
HXRBS	04:55:34	04:56:17	05:10:48	Importance=M3	Qual=03			Carr. Lon.=360deg	
BCS	04:57	05:02	05:17	Peak...c/s=3075	Qual=01	Tot Cts=3.33E+5		Flags=M	
FCS				CaPeak.c/s=2066	Qual=1	FePeak=05:01		#Peaks=1	XEN=730900
UVSP	05:15					Exp #=57900		dt=3.8s	
Radio Sweeps				Wavelength=2788A				Cad=.26s	
Radio	Frequency(MHz)/Flux(sfu):			11/3 V/3				Step=0"	0.256s/pixel
				245/25 2695/26 4995/110 8800/74 15400/84				Pitch=0"	Yaw=-578"
BCS	05:18	05:18	05:18	CaPeak.c/s=73	Qual=5	Associated Event # = 21421		FePeak.c/s=10	XEN=730901
FCS						FePeak=05:18		dt=7.7s	
								Cad=.26s	0.256s/pixel
87/11/05, 09:44 DOY=309									
Event # = 8624									
87/11/05, 09:44	Start	DOY=309	Peak	SMM Pointing:	N32W70			Pitch=-492", Yaw=-772", Roll=0deg	H.Ang=71deg
Optical									
GOES	09:41	09:44	09:49	Ha...Class=SF	S21E36	AR4883		Mac.=DSI	H.Ang=43deg
HXRBS	09:41:59	09:42:53	09:43:27	Importance=B7	Qual=01			Carr. Lon.=248deg	
UVSP	09:56			Peak...c/s=96	Qual=01	Tot Cts=1135		MaxkeV=98	
				Wavelength=2788A		Exp #=57906		Rast=180"x1"	Pitch=-358", Yaw=-591"
87/11/05, 18:51 DOY=309									
Event # = 8625									
87/11/05, 18:51	Start	DOY=309	Peak	SMM Pointing:	N32W74			Pitch=-497", Yaw=-790", Roll=0deg	H.Ang=74deg
Optical									
GOES	18:12	18:51	19:09	Importance=C1	Qual=03			MaxkeV=70	
HXRBS	18:44:57	18:45:07	18:45:49	Peak...c/s=64	Qual=01	Tot Cts=393		FePeak.c/s=10	XEN=730902
BCS	18:34	18:49	18:55	CaPeak.c/s=45	Qual=1	FePeak=18:49		dt=7.7s	
FCS								Cad=.26s	0.256s/pixel
UVSP								Step=0"	Pitch=-463", Yaw=-839"
87/11/05, 23:41 DOY=309									
Event # = 8626									
87/11/05, 23:41	Start	DOY=309	Peak	SMM Pointing:	N04W00			Pitch=+0", Yaw=+5", Roll=0deg	H.Ang=0deg
Optical									
GOES	23:24	23:41	00:07	Ha...Class=SF	N29W75	AR4875		Mac.=EAI	H.Ang=75deg
HXRBS	23:33:00	23:35:52	23:43:24	Importance=M2	Qual=01			Carr. Lon.=352deg	
UVSP	23:31			Peak...c/s=1739	Qual=01	Tot Cts=1.41E+5		Flags=M	
Radio Sweeps				Wavelength=2788A	Code=00	Exp #=57937		Step=3"	Pitch=+7", Yaw=+980"
Radio	Frequency(MHz)/Flux(sfu):			11/2 11/3 V/3					
				2695/19 4995/22 8800/29					

87/11/12 DOY=316									
Event # = 8628	87/11/12, 19:03	DOY=316	SMM Pointing:	S24E70				Pitch=+412", Yaw=+832", Roll=0deg	H. Ang=73deg
Optical	Start	Peak	End times						
GOES	18:52	19:03	19:24	S24E72	AR4890			Mac.=EK0 Carr. Lon.=115deg	H. Ang=75deg
HXRBS*	18:55:09	18:55:20	18:55:42	Qual=02					
BCS	18:56	18:56	19:23	Qual=01	Tot Cts=236			dt= 7.7s XEN=731600	
FCS				CaPeak.c/s=24	FePeak=18:56			Step=0" Cad=.26s 0.256s/pixel	
UVSP	19:20			Wavelength=2788A	Exp #=58244			Step=0" Pitch=+292", Yaw=+756"	
Event # = 8629	87/11/12, 20:37	DOY=316	SMM Pointing:	S24E68				Pitch=+823", Yaw=-411", Roll=90deg	H. Ang=71deg
Optical	Start	Peak	End times						
GOES	20:27	20:37	20:58	S25E69	AR4890			Mac.=EK0 Carr. Lon.=117deg	H. Ang=72deg
HXRBS*	20:31:11	20:34:22	20:37:19	Qual=03					
BCS	20:32	20:35	20:58	Qual=11	Tot Cts=1825			Flags=M, IS dt= 3.8s XEN=731601	
FCS				CaPeak.c/s=132	FePeak=20:35			Step=0" Cad=.26s 0.256s/pixel	
UVSP	20:04			Wavelength=2788A	Exp #=58245			Step=3" Pitch=+832", Yaw=-401"	
87/11/15 DOY=319									
Event # = 8632	87/11/15, 16:23	DOY=319	SMM Pointing:	S24E32				Pitch=+434", Yaw=+475", Roll=0deg	H. Ang=41deg
Optical	Start	Peak	End times						
HXRBS*	16:23:14	16:23:19	16:23:31	Qual=01	Tot Cts=209			Flags=M, NS GB	
UVSP	16:24			Peak...c/s=90	Exp #=58326			Step=0" Pitch=+311", Yaw=+398"	
87/11/16 DOY=320									
Event # = 8633	87/11/16, 19:03	DOY=320	SMM Pointing:	N03W00				Pitch=+0", Yaw=+6", Roll=0deg	H. Ang=0deg
Optical	Start	Peak	End times						
GOES	19:00	19:03	19:11	S24E19	AR4890			Mac.=CK0 Carr. Lon.=115deg	H. Ang=32deg
HXRBS*	19:00:59	19:01:12	19:01:31	Qual=01					
Radio Sweeps		Type/Intensity:	111/2	Qual=01	Tot Cts=530			MaxkeV=98	
87/11/17 DOY=321									
Event # = 8634	87/11/17, 00:47	DOY=321	SMM Pointing:	N02W00				Pitch=+4", Yaw=-7", Roll=0deg	H. Ang=0deg
Optical	Start	Peak	End times						
GOES	00:44	00:47	00:51	S27E13	AR4890			Mac.=CK0 Carr. Lon.=118deg	H. Ang=32deg
HXRBS*	00:45:23	00:45:32	00:45:57	Qual=01					
87/11/17 DOY=321									
Event # = 8635	87/11/17, 02:10	DOY=321	SMM Pointing:	N02W00				Pitch=+4", Yaw=-7", Roll=0deg	H. Ang=0deg
Optical	Start	Peak	End times						
GOES	02:06	02:10	02:19	S25E16	AR4890			Mac.=CK0 Carr. Lon.=114deg	H. Ang=32deg
HXRBS*	02:06:26	02:06:40	02:07:21	Qual=01					
UVSP				Peak...c/s=62	Tot Cts=220			MaxkeV=70	Pitch=+7", Yaw=+12"
Associated Event # = 8636									
HXRBS*	02:08:45	02:09:07	02:10:09	Qual=01	Tot Cts=248			MaxkeV=70	Pitch=+7", Yaw=+12"
UVSP									

87/11/18 DOY=322									
Event # = 8637	87/11/18, 03:20	DOY=322	SMM Pointing:	S24W00				Pitch=+435", Yaw=+4", Roll=0deg	H.Ang=27deg
Optical	Start	Peak	End times						
GOES	03:15	03:20	03:27	Ha...Class=SB	S22W07	AR4890		Mac.=DKO	Carr.Lon.=123deg
HXRBS*	03:15:45	03:18:21	03:21:44	Importance=M1	Qual=01				H.Ang=25deg
BCS	03:17	03:19	03:24	Peak...c/s=739	Qual=01	Tot Cts=31387		MaxkeV=128	
FCS				CaPeak.c/s=565	Qual=1	FePeak=03:19		dt= 3.8s	XEN=732200
UVSP	03:05			WaveLength=2788A	Code=01	Exp #=58412		Rast=0"x0"	Cad=.26s
Radio	Frequency(MHz)/Flux(sfu):	Type/Intensity:		245/780 410/64 606/606 1415/22 8800/34				Pitch=+315", Yaw=-66"	
Event # = 21422									
87/11/18, 06:56	DOY=322	SMM Pointing:	S24W01					Pitch=-21", Yaw=-436", Roll=90deg	H.Ang=27deg
Optical	Start	Peak	End times						
GOES	06:30	06:56	07:12	Ha...Class=SF	S25W00	AR4890		Mac.=DKO	Carr.Lon.=114deg
BCS	06:54	06:54	06:57	Importance=B7	Qual=01				H.Ang=27deg
FCS				CaPeak.c/s=18	Qual=5	FePeak=06:54		FePeak.c/s=8	#Peaks=1
UVSP	06:36			WaveLength=2788A	Code=00	Exp #=-58421		dt= 7.7s	XEN=732201
Radio	Frequency(MHz)/Flux(sfu):	Type/Intensity:		111/2				Step=0"	Cad=.26s
Event # = 8638									
87/11/18, 13:33	DOY=322	SMM Pointing:	S24W05					Pitch=+435", Yaw=-74", Roll=0deg	H.Ang=27deg
Optical	Start	Peak	End times						
GOES	13:30	13:33	13:39	Ha...Class=SF	S21E53	AR4891		Mac.=HSX	Carr.Lon.=58deg
HXRBS*	13:30:34	13:31:12	13:31:28	Importance=B8	Qual=03				H.Ang=57deg
UVSP	13:28	13:31:12	13:31:28	Peak...c/s=193	Qual=01	Tot Cts=1509		MaxkeV=98	
Radio	Frequency(MHz)/Flux(sfu):	Type/Intensity:		111/3		Exp #=-58428		Rast=180"x1"	Step=0"
Event # = 8639									
87/11/18, 17:31	DOY=322	SMM Pointing:	N02W00					Pitch=+0", Yaw=+0", Roll=0deg	H.Ang=0deg
Optical	Start	Peak	End times						
GOES	17:25	17:31	17:35	Ha...Class=SF	S25W09	AR4890		Mac.=DKO	Carr.Lon.=118deg
HXRBS*	17:28:44	17:29:46	17:29:54	Importance=B7	Qual=01				H.Ang=29deg
UVSP	17:12	17:29:46	17:29:54	Peak...c/s=104	Qual=01	Tot Cts=3626		MaxkeV=98	
Radio	Frequency(MHz)/Flux(sfu):	Type/Intensity:		V/2		Exp #=-58433		Rast=180"x1"	Step=0"
Event # = 8640									
87/11/19, 01:35	DOY=323	SMM Pointing:	N02W00					Pitch=+0", Yaw=+0", Roll=0deg	H.Ang=0deg
Optical	Start	Peak	End times						
GOES	01:33	01:35	01:37	Importance=B4	Qual=01				
HXRBS*	01:33:28	01:33:32	01:33:39	Peak...c/s=223	Qual=01	Tot Cts=901		MaxkeV=128	
UVSP	01:03	01:33:28	01:33:39	WaveLength=2788A	Code=00	Exp #=-58442		Rast=21"x243"	Step=3"
Radio	Frequency(MHz)/Flux(sfu):	Type/Intensity:		245/710				Pitch=+7", Yaw=+12"	

Event # = 21423 87/11/19 04:20 Start	DOY=323 Peak	SMM Pointing: End times	S21E49	S22E44 Qual=05 Qual=5	AR4891 FePeak=04:30 Exp #=58450	Pitch=+373", Yaw=+684", Roll=0deg Mac.=CSO Carr.Lon.=59deg FePeak.c/s=12 dt= 7.7s Rast=0"x0" Cad=.26s Rast=265"x265" Step=5" Pitch=+380", Yaw=+695"	H.Ang=53deg H.Ang=49deg XEN=732300 0.256s/pixel
Optical GOES 04:10 BCS 04:29 FCS UVSP 04:25 Radio Sweeps	04:20 04:29	05:11 04:37	Ha...Class=SF Importance=C3 CaPeak.c/s=29 Wavelength=1375A III/2	Code=02	Exp #=58450		
Event # = 8641 87/11/19 11:18 Start	DOY=323 Peak	SMM Pointing: End times	S24W16	S24W16 Qual=01 Qual=01	Tot Cts=4623 Exp #=58456	Pitch=+437", Yaw=-251", Roll=0deg MaxkeV=70 Rast=180"x1" Step=0" Pitch=+444", Yaw=-242"	H.Ang=31deg
GOES 11:12 HXRBS 11:15:16 UVSP 11:26	11:18 11:15:54 11:26	11:31 11:16:46	Importance=89 Peak...c/s=69 Wavelength=2788A Code=02	Qual=01 Qual=01			
Event # = 8642 87/11/19 17:38 Start	DOY=323 Peak	SMM Pointing: End times	S24W20	S24W20 Qual=00 Qual=01	Tot Cts=1590 Exp #=58464	Pitch=+436", Yaw=-300", Roll=0deg MaxkeV=70 Rast=180"x1" Step=0" Pitch=+315", Yaw=-123"	H.Ang=33deg
GOES 17:38:33 HXRBS 17:43 UVSP	17:38:55 17:43	17:39:05	Peak...c/s=65 Wavelength=2788A Code=00	Qual=00 Qual=01			
Event # = 8643 87/11/20 00:55 Start	DOY=324 Peak	SMM Pointing: End times	N02W00	N02W00 Qual=01 Qual=01	Tot Cts=2494 Exp #=58473	Pitch=+0", Yaw=+0", Roll=0deg Mac.=DAI Carr.Lon.=118deg MaxkeV=70 Rast=21"x243" Step=3" Pitch=+7", Yaw=+12"	H.Ang=0deg H.Ang=38deg
Optical GOES 00:39 HXRBS 00:48:24 UVSP 00:36	00:55 00:49:02 00:36	01:10 00:53:44	Ha...Class=SF Importance=C1 Peak...c/s=77 Wavelength=2788A Code=00	S25W27 Qual=01 Qual=01	AR4890 FePeak=04:19 Exp #=58476		
Event # = 8644 87/11/20 04:24 Start	DOY=324 Peak	SMM Pointing: End times	S23E37	S23E37 Qual=03 Qual=01	Tot Cts=34110 FePeak=04:19 Exp #=58476	Pitch=+407", Yaw=+545", Roll=0deg Mac.=DAI Carr.Lon.=54deg MaxkeV=158 FePeak.c/s=167 dt= 7.7s Rast=0"x0" Cad=.26s Rast=243"x243" Step=3" Pitch=+415", Yaw=+557"	H.Ang=44deg H.Ang=41deg XEN=732400 0.256s/pixel
Optical GOES 04:10 HXRBS 04:11:40 BCS 04:13 FCS UVSP 03:53 Radio Sweeps	04:24 04:17:32 04:22 04:47	04:54 04:35:58 04:47	Ha...Class=IN Importance=M1 Peak...c/s=158 CaPeak.c/s=700 Wavelength=2788A III/3 IV/2	Qual=03 Qual=01 Qual=1	AR4891 FePeak=04:19 Exp #=58476		
Type/Intensity: Frequency(MHz)/Flux(sfu):			245/71 410/12 606/15 1415/20 2695/69 4995/140 8800/31 15400/220	Code=00	Exp #=58476		
Event # = 8645 87/11/20 19:45 Start	DOY=324 Peak	SMM Pointing: End times	S23E29	S23E29 Qual=01 Qual=01	Tot Cts=318 FePeak=19:42 Exp #=58504	Pitch=+410", Yaw=+435", Roll=0deg Mac.=DAI Carr.Lon.=52deg MaxkeV=70 FePeak.c/s=11 dt= 7.7s Rast=0"x0" Cad=.26s Rast=180"x1" Step=0" Pitch=+288", Yaw=+365"	H.Ang=38deg H.Ang=38deg XEN=732401 0.256s/pixel
Optical GOES 19:39 HXRBS 19:41:27 BCS 19:42 FCS UVSP 19:26	19:45 19:41:29 19:45 19:26	19:50 19:41:32 19:51	Ha...Class=SF Importance=C1 Peak...c/s=84 CaPeak.c/s=26 Wavelength=2788A Code=01	Qual=01 Qual=01 Qual=4	AR4891 FePeak=19:42 Exp #=58504		

Event # = 8646									
87/11/20	21:14	Start	DOY=324	Peak	SMM Pointing:	S23E28	Pitch=+409", Yaw=+423", Roll=0deg	H. Ang=37deg	
GOES									
HXRBS	21:12:42	21:14:33	21:17:23	End times	Peak...c/s=108	Qual=00	Tot Cts=12723	MaxkeV=128	
UVSP	21:01				Wavelength=2788A	Qual=01	Exp #=58506	Rast=180"x1"	Pitch=0" Step=0" dt=3.8s XEN=732402
Event # = 8647									
87/11/20	23:44	Start	DOY=324	Peak	SMM Pointing:	S21E23	Pitch=+379", Yaw=+357", Roll=0deg	H. Ang=32deg	
Optical									
GOES	23:29	23:44	00:27	End times	Ha...Class=1N	S21E25	Mac.=DAI	Carr. Lon.=54deg	H. Ang=34deg
HXRBS	23:28:46	23:33:57	23:37:06		Importance=M1	Qual=03	AR4891		
BCS	23:31	23:36	23:37		Peak...c/s=204	Qual=01	Tot Cts=40851	MaxkeV=128	
FCS					CaPeak.c/s=270	Qual=1	FePeak=23:36	dt=3.8s XEN=732402	
UVSP	23:35				Wavelength=1375A	Code=01	Exp #=58515	Rast=0"x0" Cad=.26s	0.256s/pixel
Radio Sweeps					III/3 III/3 IV/1			Pitch=+368", Yaw=+344"	
Radio Frequency (MHz)/Flux(sfu):					410/85 606/100 1415/160 2695/61 4995/33 8800/32				
BCS	00:15	00:17	01:10		CaPeak.c/s=322	Qual=4	Event # = 21424		
FCS					Wavelength=1375A		FePeak=00:17	dt=3.8s XEN=732500	
UVSP	00:15						Exp #=58516	Cad=.26s	0.256s/pixel
Event # = 21425									
87/11/21	15:56	Start	DOY=325	Peak	SMM Pointing:	S21E14	Pitch=+380", Yaw=+218", Roll=0deg	H. Ang=27deg	
Optical									
GOES	15:44	15:56	16:17	End times	Ha...Class=SF	S23E17	Mac.=DAI	Carr. Lon.=53deg	H. Ang=30deg
HXRBS	15:55	15:55	16:01		Importance=C1	Qual=05	AR4891		
BCS					CaPeak.c/s=20	Qual=5	FePeak=15:55	dt=7.7s XEN=732501	
UVSP	15:50				Wavelength=2788A	Code=00	Exp #=58556	Cad=.26s	0.256s/pixel
Event # = 8648									
87/11/21	18:08	Start	DOY=325	Peak	SMM Pointing:	S21E13	Pitch=+381", Yaw=+204", Roll=0deg	H. Ang=26deg	
Optical									
GOES	17:54	18:08	18:42	End times	Ha...Class=2B	S23E16	Mac.=DAI	Carr. Lon.=53deg	H. Ang=30deg
HXRBS	17:56:32	18:01:17	18:12:24		Importance=M4	Qual=03	AR4891		
BCS	17:56	18:06	18:27		Peak...c/s=1503	Qual=11	Tot Cts=2.20E+5	MaxkeV=587	Flags=IS
FCS					CaPeak.c/s=2269	Qual=1	FePeak=18:05	dt=7.7s XEN=732502	
UVSP	18:22				Wavelength=2788A		Exp #=58559	Cad=.26s	0.256s/pixel
Radio Sweeps					III/3 IV/3			Pitch=+259", Yaw=+125"	
Radio Frequency (MHz)/Flux(sfu):					245/7800 410/51000 606/150 1415/140 2695/80 4995/170 8800/270 15400/130				
Event # = 21426									
87/11/21	19:05	Start	DOY=325	Peak	SMM Pointing:	S21E12	Pitch=+380", Yaw=+190", Roll=0deg	H. Ang=26deg	
GOES									
BCS	19:03	19:05	19:49	End times	CaPeak.c/s=68	Qual=00	FePeak=19:07	dt=7.7s XEN=732503	
FCS					Wavelength=2788A	Qual=4	Rast=0"x0" Cad=.26s	0.256s/pixel	
UVSP	18:59						Exp #=58560	Pitch=+259", Yaw=+119"	

Event # = 21427		DOY=325		S24E13		Pitch=+426", Yaw=+202", Roll=0deg		H. Ang=29deg	
87/11/21, 20:45	Start	20:45	Peak	End times	Importance=C1	Qual=01	FePeak=20:44	dt= 7.7s	XEN=732504
GOES 20:41		20:45		20:59	CaPeak.c/s=20	Qual= 4		Cad=.26s	0.256s/pixel
BCS 20:44		20:45		20:49				Step=0"	Pitch=+375", Yaw=+164"
FCS									
UVSP 20:43					Wavelength=1375A	Code=00	Exp #=58563		
87/11/22		DOY=326							
Event # = 8649		DOY=326		S24E10		Pitch=+426", Yaw=+161", Roll=0deg		H. Ang=28deg	
87/11/22, 02:15	Start	02:15	Peak	End times	Importance=B8	Qual=03			
Optical					Ha...Class=SF				
GOES 02:10		02:15		02:26	Importance=B8	Qual=03			
HXRBS 02:11:54		02:12:19		02:12:32	Peak...c/s=69	Qual=01			
UVSP 02:16					Wavelength=1375A	Code=02	Exp #=58593	Step=0"	Pitch=+380", Yaw=+118"
87/11/23		DOY=327							
Event # = 21428		DOY=327		S24W11		Pitch=+424", Yaw=-163", Roll=0deg		H. Ang=28deg	
87/11/23, 17:14	Start	17:14	Peak	End times	Importance=C1	Qual=01			
GOES 17:06		17:14		17:22	CaPeak.c/s=22	Qual= 5			
BCS 17:13		17:13		17:16					
FCS									
UVSP 17:28					Wavelength=2788A		Exp #=58692		
87/11/24		DOY=328							
Event # = 8667		DOY=328		S24W22		Pitch=+421", Yaw=-334", Roll=0deg		H. Ang=33deg	
87/11/24, 14:43	Start	14:43	Peak	End times	Importance=B9	Qual=01			
Optical					Ha...Class=SF				
GOES 14:39		14:43		14:52	Importance=B9	Qual=01			
HXRBS 14:40:16		14:40:36		14:42:00	Peak...c/s=73	Qual=01			
BCS 14:43		14:43		14:46	CaPeak.c/s=20	Qual= 5			
FCS									
UVSP 14:29					Wavelength=2788A	Code=01	Exp #=58755		
87/11/25		DOY=329							
Event # = 8651		DOY=328		S22W29		Pitch=+387", Yaw=-438", Roll=0deg		H. Ang=37deg	
87/11/24, 22:31	Start	22:31	Peak	End times	Importance=B9	Qual=01			
GOES 22:29:21		22:31:35		22:33:31	Peak...c/s=78	Qual=01			
HXRBS					Wavelength=1375A				
UVSP 22:28									
87/11/25		DOY=329							
Event # = 8652		DOY=329		S22W39		Pitch=+383", Yaw=-563", Roll=0deg		H. Ang=44deg	
87/11/25, 17:17	Start	17:17	Peak	End times	Importance=B9	Qual=04			
Optical					Ha...Class=SF				
GOES 17:10		17:17		17:21	Importance=B9	Qual=04			
HXRBS 17:16:12		17:16:39		17:17:05	Peak...c/s=67	Qual=01			
UVSP 17:09					Wavelength=2788A	Code=00	Exp #=58823	Step=0"	Pitch=+262", Yaw=-386"

87/11/26 DOY=330									
Event # = 8653	87/11/26, 03:21	DOY=330	Peak	SMM Pointing:					
Optical	Start	End times		Ha...Class=SF	S22W45			Pitch=+381", Yaw=-634", Roll=0deg	H. Ang=49deg
GOES	03:12	03:21	03:33	Importance=C3	Qual=01	AR4891		Mac.=CS0	H. Ang=52deg
HXRBS	03:14:17	03:16:35	03:17:54	Peak...c/s=54	Qual=01	Tot Cts=570		MaxkeV=70	
BGS	03:13	03:18	03:35	CaPeak.c/s=99	Qual=1	FePeak=03:17		FePeak.c/s=21	dt= 3.8s XEN=733000
FCS	03:23	03:23		Peak3...c/s=341				Rast=25" x25"	Cad=25.6s 1.024s/pixel
UVSP	03:21			Wavelength=1375A	Code=02	Exp #=58858		Rast=10" x10"	Pitch=+366", Yaw=-625"
Event # = 21429									
87/11/26, 12:10	DOY=330	Peak		SMM Pointing:					
GOES	11:30	12:10	13:20	Importance=C2	S22W49			Pitch=+380", Yaw=-678", Roll=0deg	H. Ang=53deg
BGS	12:03	12:09	12:37	CaPeak.c/s=36	Qual=04			FePeak.c/s=10	dt= 7.7s XEN=733001
FCS	12:08	12:08		Peak3...c/s=156	Qual=4	FePeak=12:04		Rast=25" x25"	Cad=25.6s 1.024s/pixel
UVSP	11:58			Wavelength=2788A	Code=01	Exp #=58877		Rast=180" x1"	Pitch=+259", Yaw=-501"
87/11/30 DOY=334									
Event # = 21430	87/11/30, 11:23	DOY=334	Peak	SMM Pointing:					
GOES	11:02	11:23	11:42	Importance=C1	S22W84			Pitch=+368", Yaw=-898", Roll=0deg	H. Ang=85deg
BGS	11:09	11:12	11:13	CaPeak.c/s=30	Qual=3			FePeak.c/s=11	dt= 7.7s XEN=733400
FCS	11:10	11:10		Peak3...c/s=14	Qual=3	FePeak=11:12		Rast=240" x240"	Cad= 590s 1.024s/pixel
UVSP	11:09			Wavelength=2788A	Code=01	Exp #=59122		Rast=180" x1"	Pitch=+243", Yaw=-718"
87/12/03 DOY=337									
Event # = 8656	87/12/03, 12:20	DOY=337	Peak	SMM Pointing:					
GOES	12:20:23	12:20:32	12:20:45	Peak...c/s=74	S23W44			Pitch=+388", Yaw=-620", Roll=0deg	H. Ang=49deg
HXRBS	12:20:23	12:20:32	12:20:45	Wavelength=2788A	Qual=01	Tot Cts=199		MaxkeV=220	Flags=NS,GB
UVSP	11:56					Exp #=59294		Rast=180" x1"	Step=0" Pitch=+267", Yaw=-436"
87/12/09 DOY=343									
Event # = 8659	87/12/09, 03:41	DOY=343	Peak	SMM Pointing:					
GOES	03:41:02	03:41:18	03:41:29	Peak...c/s=65	S24W39			Pitch=+392", Yaw=-560", Roll=0deg	H. Ang=44deg
HXRBS	04:02	03:41:18	03:41:29	Wavelength=2788A	Qual=00	Tot Cts=106		MaxkeV=70	
UVSP	04:02				Qual=01	Exp #=59553		Rast=180" x1"	Step=0" Pitch=+271", Yaw=-382"
87/12/10 DOY=344									
Event # = 8662	87/12/10, 14:10	DOY=344	Peak	SMM Pointing:					
GOES	14:02	14:10	14:30	Importance=C2	S24W57			Pitch=+391", Yaw=-753", Roll=0deg	H. Ang=60deg
HXRBS	14:03:36	14:04:12	14:09:48	Peak...c/s=71	S37W15			Mac.=CS0	H. Ang=39deg
BGS	14:07	14:09	14:18	CaPeak.c/s=56	Qual=01	Tot Cts=2096		MaxkeV=70	
FCS	14:16	14:16		Peak3...c/s=259	Qual=1	FePeak=14:08		FePeak.c/s=10	dt=11.3s XEN=734400
UVSP	14:33			Wavelength=2788A		Exp #=59619		Rast=180" x1"	Cad= 332s 1.024s/pixel

Event # = 8663	DOY=344	SMM Pointing:	S24W57	Pitch=+391", Yaw=-753", Roll=0deg	H.Ang=60deg
87/12/10, 15:51	Peak	End times			
GOES 15:51	15:51	16:21	Qual=01		
GOES 15:17	15:51	16:21	Importance=C1		
HXRBS 15:24:23	15:26:40	15:27:11	Peak...c/s=65		
UVSP 16:07	15:26:40	15:27:11	Wavelength=2788A	Step=0" Pitch=+270", Yaw=-579"	
Tot Cts=717					
Exp #=59621					
MaxkeV=70					
Rast=180"x1"					
Pitch=+391", Yaw=-763", Roll=0deg					
H.Ang=61deg					
Event # = 8678	DOY=344	SMM Pointing:	S24W59	Pitch=+392", Yaw=-836", Roll=0deg	H.Ang=71deg
87/12/10, 16:57	Peak	End times			
GOES 16:51:16	16:57:51	17:14:45	Qual=00		
HXRBS 16:40	16:57:51	17:14:45	Qual=01		
UVSP 16:40	16:57:51	17:14:45	Peak...c/s=64		
Wavelength=2788A					
Tot Cts=8300					
Exp #=59622					
MaxkeV=128					
Rast=180"x1"					
Pitch=+270", Yaw=-582"					
Pitch=+267", Yaw=-962", Roll=0deg					
H.Ang=69deg					
Event # = 8681	DOY=345	SMM Pointing:	S24W68	Pitch=+392", Yaw=-826", Roll=0deg	H.Ang=71deg
87/12/11, 01:00	Peak	End times			
GOES 00:16	01:00	02:27	Qual=03		
HXRBS 00:38	00:46	00:55	Qual=4		
UVSP 00:55	00:45	00:55	CaPeak.c/s=33		
Peak3...c/s=17					
Wavelength=1375A					
Code=00					
Exp #=59650					
FePeak=00:54					
Rast=240"x240"					
Cad=262s					
Pitch=+273", Yaw=-973"					
Pitch=+392", Yaw=-836", Roll=0deg					
H.Ang=71deg					
Event # = 8682	DOY=345	SMM Pointing:	S24W69	Pitch=+392", Yaw=-836", Roll=0deg	H.Ang=71deg
87/12/11, 12:37	Peak	End times			
GOES 12:36:20	12:37:15	12:38:24	Qual=00		
HXRBS 12:33	12:37:15	12:38:24	Qual=03		
UVSP 12:33	12:37:15	12:38:24	Peak...c/s=114		
Wavelength=2788A					
Tot Cts=4360					
Exp #=59668					
MaxkeV=128					
Rast=180"x1"					
Pitch=+270", Yaw=-653"					
Pitch=+392", Yaw=-836", Roll=0deg					
H.Ang=71deg					
Event # = 8665	DOY=345	SMM Pointing:	S24W69	Pitch=+392", Yaw=-836", Roll=0deg	H.Ang=71deg
87/12/11, 14:57	Peak	End times			
GOES 14:55:39	14:57:51	14:59:55	Qual=00		
HXRBS 14:39	14:57:51	14:59:55	Qual=01		
UVSP 14:39	14:57:51	14:59:55	Peak...c/s=61		
Wavelength=2788A					
Tot Cts=12618					
Exp #=59671					
MaxkeV=128					
Rast=180"x1"					
Pitch=+270", Yaw=-659"					



Event # = 21432		87/12/13		DOY=347			
87/12/13, 03:49		DOY=347		S35E87		Pitch=+559", Yaw=+799", Roll=0deg	
Start		End times		SMM Pointing:		H. Ang=87deg	
GOES	03:37	04:07	04:07	Importance=C2	Qual=03		
BGS	03:49	03:49	03:49	CaPeak.c/s=56	Qual=1		
FCS	03:40	03:47	03:53	Peak3..c/s=250			
UVSP	03:48	03:45	03:45	Wavelength=2788A	Code=00		
				Exp #=59810			
				FePeak.c/s=11		dt= 7.7s	
				Rast=0"x0"		Cad=99.3s	
				Rast=180"x1"		Pitch=+438", Yaw=+728"	

87/12/17		DOY=351		87/12/17		DOY=351	
Event # = 8668	DOY=351	SMM Pointing:	S34E34	Pitch=+539", Yaw=+446", Roll=0deg	H. Ang=46deg		
87/12/17, 07:56	Peak	End times		Mac.=CS0			
Optical				MaxkeV=70			
GOES 07:47	07:56	08:28	Qual=01	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=735100
HXRBS 07:48:49	07:49:02	07:49:30	Qual=01	Rast=240"x240"	Step=10"	Cad= 590s	1.024s/pixel
BCS 07:51	07:54	08:08	Qual= 1	Rast=180"x1"	Step=0"	Pitch=+418", Yaw=+365"	
FCS	08:00						
UVSP 08:12							
87/12/24		DOY=358		87/12/24		DOY=358	
Event # = 8669	DOY=358	SMM Pointing:	N40W01	Pitch=-653", Yaw=-13", Roll=0deg	H. Ang=42deg		
87/12/24, 04:50	Peak	End times					
GOES 04:34	04:50	05:26	Qual=03	MaxkeV=70			
HXRBS 04:43:24	04:43:49	04:44:13	Qual=01	Rast=243"x21"	Step=3"	Pitch=-648", Yaw=+0"	
UVSP 04:11							
87/12/26		DOY=360		87/12/26		DOY=360	
Event # = 8670	DOY=360	SMM Pointing:	AR4912	Mac.=EA0	Carr. Lon.=260deg	H. Ang=77deg	
87/12/26, 02:21	Peak	End times					
Optical				MaxkeV=99			
GOES 02:13	02:21	03:06	Qual=03	Rast=180"x1"	Step=0"	Pitch=+424", Yaw=+738"	
HXRBS 02:14:21	02:18:04	02:19:14	Qual=01				
UVSP 02:29							
87/12/26		DOY=360		87/12/26		DOY=360	
Event # = 8709	DOY=360	SMM Pointing:	S34E72	Pitch=+535", Yaw=+770", Roll=0deg	H. Ang=74deg		
87/12/26, 03:44	Peak	End times		MaxkeV=395	Flags=I, NS		
HXRBS 03:44:46	03:44:56	03:45:10	Qual=01	Rast=180"x1"	Step=0"	Pitch=+414", Yaw=+697"	
UVSP 04:02							
87/12/27		DOY=361		87/12/27		DOY=361	
Event # = 8671	DOY=361	SMM Pointing:	S34E64	Pitch=+531", Yaw=+729", Roll=0deg	H. Ang=67deg		
87/12/26, 18:02	Peak	End times		Mac.=EHI	Carr. Lon.=262deg	H. Ang=69deg	
Optical				MaxkeV=70			
GOES 17:41	18:02	18:22	Qual=02	Rast=180"x1"	Step=0"	Pitch=+410", Yaw=+658"	
HXRBS 17:41:18	17:41:34	17:41:50	Qual=01				
UVSP 18:10							
87/12/27		DOY=361		87/12/27		DOY=361	
Event # = 8672	DOY=361	SMM Pointing:	S34E61	Pitch=+529", Yaw=+709", Roll=0deg	H. Ang=65deg		
87/12/27, 00:25	Peak	End times					
GOES 00:19:13	00:25:30	00:28:48	Qual=00	MaxkeV=70			
HXRBS 00:19:13	00:25:30	00:28:48	Qual=01	Rast=180"x1"	Step=0"	Pitch=+408", Yaw=+636"	
UVSP 00:28							

Event # = 21436											
87/12/27, 12:13		DOY=361		SMM Pointing:		S34E55		Pitch=+527", Yaw=+667", Roll=0deg		H.Ang=60deg	
Start		Peak		End times							
GOES 12:10		12:13		12:22		Qual=01					
BCS 12:13		12:13		12:17		Qual= 5					
FCS											
UVSP 12:03						FePeak=12:13					
						Code=00					
						Exp #=60389					







REPORT DOCUMENTATION PAGE			Form Approved OMB No. 0704-0188	
<small>Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.</small>				
1. AGENCY USE ONLY (Leave blank)	2. REPORT DATE February 1992	3. REPORT TYPE AND DATES COVERED Technical Memorandum		
4. TITLE AND SUBTITLE  The 1984-1987 Solar Maximum Mission Event List		5. FUNDING NUMBERS  JON-680-030-09-01-25		
6. AUTHOR(S)  B. R. Dennis, J. P. Licata, J. J. Nelson, and A. K. Tolbert				
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)  Laboratory for Astronomy and Solar Physics NASA-Goddard Space Flight Center Greenbelt, Maryland 20771		8. PERFORMING ORGANIZATION REPORT NUMBER  92B00038 Code 680		
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)  National Aeronautics and Space Administration Washington, D.C. 20546-0001		10. SPONSORING/MONITORING AGENCY REPORT NUMBER  NASA TM-4342		
11. SUPPLEMENTARY NOTES  Dennis: Goddard Space Flight Center, Greenbelt, Maryland Licata, Nelson, Tolbert: ST Systems (STX), Inc., Lanhan, Maryland				
12a. DISTRIBUTION/AVAILABILITY STATEMENT  Unclassified - Unlimited Subject Category 92		12b. DISTRIBUTION CODE		
13. ABSTRACT (Maximum 200 words)  This document contains information on solar burst and transient activity observed by the Solar Maximum Mission (SMM) during 1984 through 1987 pointed observations. Data from the following SMM experiments are included: 1) Gamma Ray Spectrometer, 2) Hard X-Ray Burst Spectrometer, 3) Flat Crystal Spectrometer, 4) Bent Crystal Spectrometer, 5) Ultraviolet Spectrometer Polarimeter, and 6) Coronagraph/Polarimeter. Correlative optical, radio, and Geostationary Operational Environmental Satellite (GOES) X-ray data are also presented. Where possible, bursts or transients observed in the various wavelengths were grouped into discrete flare events identified by unique event numbers. Each event carries a qualifier denoting the quality or completeness of the observations. Spacecraft pointing coordinates and flare site angular displacement values from sun center are also included.				
14. SUBJECT TERMS  Sun, Solar Flares, X-Ray Flares, Coronal Mass Ejections, Gamma-Ray Flares, Ultraviolet Flares			15. NUMBER OF PAGES 292	
			16. PRICE CODE A13	
17. SECURITY CLASSIFICATION OF REPORT  Unclassified	18. SECURITY CLASSIFICATION OF THIS PAGE  Unclassified	19. SECURITY CLASSIFICATION OF ABSTRACT  Unclassified	20. LIMITATION OF ABSTRACT  UL	

